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Volume XVII

June, 1925

Number 6

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# The PUBLIC HEALTH NURSE

Official Organ of The National Organization for Public Health Nursing

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Volume XVII

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*"I'll put a girdle round about the earth"*

In this issue we publish, for the first time, a complete list of the members of the Organization. In the sunny south; in the frozen north; in the far east, and out in "the great open spaces" we find them. It is a noble company. Besides the 48 states, territories, and island possessions, 23 foreign countries are represented. To make room for this host, we have omitted from this issue two departments and reduced the dimensions of others.

## AMALGAMATIONS OF PUBLIC HEALTH NURSING SERVICE

Combinations of public health nursing services—voluntary services with each other; state or municipal with voluntary organizations; relinquishments of special services from voluntary to public organizations, or from public to voluntary organizations—have recently been much discussed. A number of interesting experiments, some now far beyond the experimental stage, have been made, and others are beginning. We are hoping for a series of articles from different parts of the country, representing as many as possible of the endeavors to amalgamate, or federate, community nursing services. We understand, through the

kindly instruction of our friends in active work, and also through the medium of the dictionary, that there is a distinct difference between these terms as applicable to the public health nursing "combinations" we have spoken of. The dictionary informs us tersely that amalgamate is "to mix, unite (classes, societies, etc.)—federate is to "band together in league for some common object." We hope this series will help to show the trend of public health nursing services, and the possibilities of either amalgamation or federation which have so far revealed themselves. We begin in this number a description of what has recently been accomplished in Evansville, Indiana.

# THE TIRED CHILD

By MAX SEHAM, M.D.

Minneapolis, Minnesota

THE medical classification of disease in childhood is based on the theory that the child is only a physical organism. This deficient conception has led physicians and educators to compare the human organism to a man-made machine. A machine is a more or less complex combination of mechanical parts which may serve to transmit force and motion to do some desired kind of work. So is the human body. But while a machine performs its work automatically, without intelligence or feeling, the human machine is distinguished by conscious action. The child, therefore, must be considered a biological unit in which the different systems, the physiological, psychological, social, as well as physical, are fused together for a common purpose. Only if we hold such a viewpoint can we hope to understand the treatment of fatigue in the school child.

Fatigue is to work, what fever is to infection. What malnutrition is in pathology, fatigue is in physiology. A knowledge of this condition, its causes and its symptoms, is of great importance to every nurse, whether she be engaged in field work or in nursing the sick. I do not have reference to *acute* fatigue which occurs in all normal children as the natural result of work and play. This type acts as a safety valve protecting the organism from overexertion. When the child suddenly stops in his play for a few minutes' rest he is just taking heed of the warning signal that his body is in danger of overstrain. Acute fatigue, therefore, conserves the health of the child and promotes his physical development.

## *Chronic Fatigue a Pathologic Condition*

Cumulative or chronic fatigue, however, is a pathologic condition characterized by abnormal signs and symp-

toms. The chronically tired child shows poor vitality and lack of energy. Good vitality means a reserve fund beyond what is immediately needed. The smaller this reserve the less prepared is the child to meet exigencies with ease and to stand the usual wear and tear without serious injury. A healthy child laughs, runs and romps and acts spontaneously; the tired child has to be urged and coaxed to do what healthy children do naturally; he is conscious of an effort, he must exert himself and the more he does so the more tired he becomes. The tired child dreads to perform the functions that are ordinarily required of him, because tiredness so *reduces the efficiency* that he can do so only with difficulty. He cannot accommodate himself to each ordinary task, and he is not equal to exertion without painful sensations.

At the outset let us bear in mind that whatever the source of fatigue, physical overexertion or excessive mental activity, the fatigue resulting is general, involving both the body and the mind. Work, the forerunner of fatigue, is never the accomplishment of only one organ or function. Theoretically we may divide work into muscular, mental and glandular. In reality, however, it is impossible to draw a line of demarcation between the activities of the different systems. For instance, in physical work or play the muscles are primarily called upon to furnish the needed energy. But nothing could be accomplished without the simultaneous coöperation of the central nervous system, the heart and the lungs. Again, when the child centers his attention on a mental task, like his arithmetic lesson, his eyes and the muscles of his fingers as well as his brain are employed. The successful termination of any task, be it physical or mental, depends on the coöperation of many organs.



What is true of work, is equally true of fatigue, the result of work. Who is there amongst us who can sit through a lecture after a long hike without suffering the most painful sensations? Our brain is incapable of exertion after our muscles have done a good day's work.

Similar is the feeling after hours of mental effort at the desk. Not only do we experience dulness in our head but our whole body suffers from aches and pains.

Again, after an emotional crisis we are physically exhausted.

In the first example we are dealing primarily with physical fatigue, in the second with mental and in the third with emotional. But for practical purposes it is impossible to separate one form of fatigue from the other. In speaking of physical fatigue we have reference to a condition which was produced by the over-use of the muscles; of mental fatigue, when it is the result of work predominantly mental; and of emotional fatigue, when the environment has so irritated the child's nervous system as to lower his resistance towards inhibition and control.

Physicians as well as nurses repeatedly find their attention drawn to children whose efficiency is so diminished that a physical disease is suspected to be the cause. Yet after careful physical examinations and corroborating evidence by laboratory methods these children are diagnosed as physically normal.

If they are free from physical ailments, why don't they do better work in school? inquires the worried mother. "Because they are lazy," the answer may be. Or the mother may ask: "If they are physically well, why are they irritable and hard to handle?" Again the doctor replies: "They are 'nervous'"; or, "They have inherited their disposition from their parents."

But when a careful history is taken of their background, both school and home, when their reactions to work and play are studied and their symptoms are thoroughly analyzed, they are often found to be suffering from chronic

fatigue. Science may know nothing of the psycho-physiology of chronic fatigue and very little of its nature, but practical experience has taught us that fatigue is present in a comparatively large percentage of our school population. It accounts for the poor school attendance of some of our children, it contributes to their tardiness and it keeps the ranks of repeaters filled.

Chronic fatigue does not manifest itself over night. It comes on slowly, and therefore in the beginning it does not appear as dangerous as it really is. Like every disease it is preceded and accompanied by warning signals which give notice of approaching danger. They are sent forth by the human body in its desire for protection from further damage.

### *Signs and Symptoms*

It is difficult to give a concise picture of all the signs of chronic fatigue. They vary in number and severity depending on the type of child, the state of his health and the underlying causes. They are different in the older child and in the young, different in the boy and in the girl. They are also modified by race. Even in the same child they will vary at different times of the day, since activity and the intake of food necessarily have an effect on fatigue. The most frequent signs and symptoms will be mentioned in the reports of cases.

The diagnosis of chronic fatigue is made in the presence of three factors:

1. The subjective complaint that the child is tired as reported by the mother, the social worker, the nurse or the child himself.
2. A decrease in the capacity for mental work as evidenced by the comparison of report cards and substantiated by the teacher.
3. A lowered muscular endurance and physical strength in the gymnasium and in out of school activities, as in work and play.

Let me illustrate the procedure of diagnosis:

*Case I.* George, twelve years old, complains that he has no appetite and has been losing in strength for the last six months. His mother is perplexed that he should fail

in arithmetic, a subject he had always passed with high marks. He suffers from headaches and feels generally tired. His family physician pronounced him normal physically. He prescribed a sedative to quiet his nerves. The medicine did not benefit him. I had occasion to watch him at his work in school and I noticed his lack of concentration. He did not pay any attention to the teacher. His eyes wandered from Mary's desk to the window and back to Mary's desk again. He was restless and made many unnecessary movements. He chewed his pencil feverishly and sat slouchingly in his seat.

On careful inquiry I learned that George had been proficient in school until three months ago, when a new teacher took charge of his room. Shortly after her arrival the teacher punished George for a mistake he had made in arithmetic by keeping him after school and making him repeat the problem 50 times. George developed a dislike for his work and dreaded going to school. He began to worry a great deal about matters in school and at home. He became very irritable, restless, and could not sleep nights.

George was suffering from chronic fatigue due to an emotional depression. He changed back to his happy and normal life after a few changes in his school curriculum.

*Case II.* Vera S., a girl, twelve years of age, is 58 inches in height and 87 pounds in weight. She was a normal, full term baby, very difficult to handle as a nursing. She would hold her breath and get blue in the face. She had four convulsions during infancy. She began school at five years of age, and is now in the eighth grade. She is well nourished, well developed, with a good muscle tone. Her color is poor (the hemoglobin is 80 per cent), her eyes surrounded by dark circles, her facial expression rather anxious.

She arises at 7:00 A.M., rushes off to school without breakfast, after quarreling with her parents, who themselves are very excitable and quick-tempered. She drinks half a pint of milk during the morning recess. For lunch at school she eats a small dish of ice cream, a few pieces of candy and several cookies. Arriving home at 3:30 she practices on the piano for an hour and then attends a sectarian school for the rest of the afternoon. At 6:30 she eats a fairly good meal. After supper she either studies her lessons (for an hour and a half) or attends movies, theaters, or parties in company with her parents (three times a week) staying up every night as late as 11:00 P.M. Her efficiency in school has been decreasing. Exercise in the gymnasium gives her headaches. Her feet burn after walking a few blocks. Piano practice had to be discontinued three months ago on account of pains in the muscles of the

arms and fingers during practice. Her fatigue sets in early in the forenoon. She is unable to concentrate and is inaccurate in her work.

*Treatment:* She was allowed to continue school, and her day was arranged according to the schedule (see schedule). Her out of school work was limited to forty-five minutes of mental and sixty minutes of physical work.

*Discussion.* This child entered school with a depleted reserve. The demands of school life lowered her nervous energy to such a point that she exceeded her margin of safety. Such a child needs special consideration. Here fatigue exists in the guise of hyperirritability. Because she is alert and responds to ordinary stimuli more quickly in a more intense way, she may deceive the nurse as to her true condition.

*Case III.* Mary L. is a healthy looking girl, fourteen years old, 119½ pounds in weight, 62 inches in height. She has always been well except for a mild attack of scarlet fever at three, and measles at five years of age. She started school when five years old. When I first saw her on February 16, 1924, she was a sophomore in high school, having been tutored by her mother outside of school hours. She had suffered from headaches for the past year. These headaches were at times so severe that she was unable to fall asleep unless she took aspirin or paregoric. They became worse after hard studying, during examinations and during her menstrual periods. Fitting of glasses did not relieve her. She rose at 6:30 in the morning, studied her lessons for an hour and usually went to school without having eaten her breakfast. She stayed in school from 8:30 until 3:30 (with forty-five minutes for lunch). The rest of the afternoon and one hour after supper were spent in studies. Her fatigue compelled her to ride to and from school. She had to discontinue piano playing after a short period on account of "nervousness." She usually felt better during week-ends and holidays, much more so during the Christmas and Easter vacations. During the last quarter term her marks had been getting poorer even in subjects in which she had previously been proficient.

*Treatment:* She was taken out of school for one week and no mental work was permitted. Sedatives were administered for two weeks for insomnia. The following schedule of daily habits was then instituted: nine and one-half hours of sleep, two hours of out of doors play and one hour of mental work outside of school; a noon rest of thirty minutes at school, bed time at 9:00 P.M.

*Progress:* She no longer suffers from headaches nor insomnia, and her capacity for work is normal.

*Discussion.* In order to understand the causes of a decreased efficiency in this type of child, it is necessary to know the minutest details of the child's daily life. His general efficiency is equally influenced by the school, the home, the relation to the parents, diet, social activities, mental and physical work outside of school.

The most important factor in the prevention of fatigue is the establishment and application of a schedule of rational habits. The accompanying chart (on next page) is a plan for such habits for the child of school age.

#### *Rational Habits for the School Child*

Most children in the first grade are between six and seven years of age and the average age of the eighth grade child is fourteen. Children who at fifteen years of age are still in public school must be grouped in the eighth grade. Seven o'clock has been decided upon for the time for rising. There is no need for any child to arise earlier, since no child should be allowed any physical or mental work before school. An adequate breakfast should be served with regularity from 7:45 to 8:05. Every child should remain at the table for twenty minutes. Too many children are allowed to go to school with empty stomachs, having drunk but a cup of coffee and eaten but a slice of bread. Such children invariably show fatigue in the early hours of the forenoon. In the forty minutes between breakfast and school time no organized work or play should be assigned, so that the child may be in a state of relaxation rather than of tension. School begins at 8:45 in all grades of city public schools and ends at 11:30 in the first grade, at 11:45 from the second to the fourth grade, and at 12:00 noon from the fifth grade up. Thirty minutes are allowed between the time school lets out and luncheon. A hot luncheon served at home or at school must be insisted upon. Cold sandwiches and coffee must be avoided. Every child should have fifteen minutes of complete rest between luncheon and the afternoon session. The rest will help to neutralize the morning's fatigue. School ends at 3:00 P.M. in the

first grade and at 3:15 P.M. in the following grades. Supper should be served from 6:00 to 6:30 for children under ten years of age and from 6:30 to 7:00 for the older children.

Our social life is becoming more and more complex, our children are imitating the habits of their parents. Their daily activities have increased, the hours of sleep have decreased. Our children must have more sleep if they are to be conserved. Twelve hours of sleep is the minimum need at six and seven years of age, eleven and a half hours at eight, eleven hours at nine and ten years, ten and a half hours at eleven, ten hours at twelve, and nine and a half at thirteen years and up. It is especially important to adhere to this minimum amount of nine and a half hours during puberty because of the special demands made on the organism by growth. The bed time schedule is so arranged as to allow fifteen to thirty minutes for the child to fall asleep. I have computed the free time that the children have at their disposal after school until bed time, and have devised a schedule, by which this free time is divided into time for play and time for work, mental as well as physical. Children six and seven years old have one hundred and eighty minutes of free time. This time should be entirely spent in free and unrestricted play and games, since the sudden precipitation into a sedentary and mental life makes them especially susceptible to fatigue.

#### *Work and Play*

It is not only unnecessary but it is dangerous for a child of this age to study music and do home work. Principals, school teachers and musicians, who are genuinely interested in the welfare of the child, believe that home study and music lessons should be delayed until the age of ten years. At the age of nine, when the development of the function of the central nervous system, especially that of the brain, is nearing completion, the children may begin to have some responsible work, preferably physical. Twenty-five min-

## DAILY SCHEDULE OF RATIONAL HABITS FOR SCHOOL CHILDREN

Age of Years	Time Breakfast and School (minutes)	Time Between Breakfast and School (minutes)		Morning Session		Time Between School Luncheon (minutes)	Luncheon Time	Time *1 Luncheon and School (minutes)	Afternoon Session		Supper Time	Free *2 Time in min- utes	*3 Play in min- utes	Miscellaneous *4 Work Time		Hours of Sleep	Diet in Calories
		Begins at	Ends at	Begins at	Ends at				Begins at	Ends at				Physi- cal	Men- tal		
6	7 a.m. 7:45-8:05	8:45	11:30	30	12:00-12:30	45			1:15	3:00	6:00-6:30	180	180	0	0	6:30	1500-1600
7	7 a.m. 7:45-8:05	8:45	11:30	30	12:00-12:30	45			1:15	3:00	6:00-6:30	180	180	0	0	6:30	1600-1700
8	7 a.m. 7:45-8:05	8:45	11:45	30	12:00-12:30	30			1:15	3:15	6:00-6:30	195	195	0	0	7:00	1700-1900
9	7 a.m. 7:45-8:05	8:45	11:45	30	12:15-12:45	30			1:15	3:15	6:00-6:30	225	200	25	0	7:30	1900-2100
10	7 a.m. 7:45-8:05	8:45	11:45	30	12:15-12:45	30			1:15	3:15	6:00-6:30	225	165	30	30	7:30	2100-2300
11	7 a.m. 7:45-8:05	8:45	12:00	15	12:15-12:45	30			1:15	3:15	6:30-7:00	255	180	45	30	8:00	2300-2500
12	7 a.m. 7:45-8:05	8:45	12:00	15	12:15-12:45	30			1:15	3:15	6:30-7:00	285	180	60	45	8:30	2700-2900
13	7 a.m. 7:45-8:05	8:45	12:00	15	12:15-12:45	30			1:15	3:15	6:30-7:00	300	180	60	60	9:00	2900-3200
14	7 a.m. 7:45-8:05	8:45	12:00	15	12:15-12:45	30			1:15	3:15	6:30-7:00	300	165	60	75	9:00	3200-3400
15	7 a.m. 7:45-8:05	8:45	12:00	15	12:15-12:45	30			1:15	3:15	6:30-7:00	300	165	60	75	9:00	3300-3900

\*1—15 to 20 minutes of this time should be used as a rest period.

\*2—By free time is meant the time between the end of the afternoon session and bed-time, the time spent at supper is not included.

\*3—Part of the free time should be given to play, preferably out of doors.

\*4—Only a small proportion of their free time should be given to work requiring responsibility. Work is divided into physical and mental. No child under 9 years should be requested to do any mental or physical work out of school.

\*5—30 minutes are allowed between going to bed and falling asleep.

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utes of chores for either boy or girl is sufficient. Two hundred minutes or 80 per cent of the total free time should be devoted to play. At the age of ten, 18 per cent of the free time or forty minutes daily is devoted to work, and 82 per cent to play. Of the forty minutes, twenty-five is given to physical duty and fifteen minutes to mental work. This fifteen minutes can be used for music or home studies if necessary. At eleven years, 72 per cent of the free time or one hundred eighty-five minutes is allotted for play and 28 per cent or seventy minutes for work. Of the seventy minutes, forty-five minutes should be reserved for physical and twenty-five minutes for mental work. At and after twelve years, there is a steady increase of mental and physical work. Of the two hundred eighty-five minutes of free time, 66 per cent or one hundred eighty minutes are for play and 34 per cent for work. At this age, one hundred five minutes are allowed for work, sixty minutes for physical and forty-five minutes for mental. At thirteen years, 60 per cent of the time is for

play and 40 per cent for work. This allows one hour for physical and one hour for mental work and the remaining three hours for miscellaneous activities. At fourteen and fifteen years, the work time is increased 9 per cent, giving one hundred sixty-five minutes or 57 per cent for play and 43 per cent for work, fifteen minutes more for mental work than for physical. The column on caloric intake is copied from Emerson and needs no explanation.

The public health nurse can do a great deal in the campaign for the prevention of fatigue in the school child. She should train herself to recognize the types of children most susceptible to fatigue as the congenitally asthenic, the malnourished and the neuropathic child. After elimination of all physical disease as a possible cause, she must make careful inquiry into the minutest details of the life and the environment of the child. The nurse has a great opportunity to teach rational habits of living to the parents as well as to the child. Irrational living contributes more to the production of chronic fatigue than any other one factor.

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Under the arresting title "Ears Polite," the *Journal of Social Hygiene* for March considers editorially the question of sex education. We reprint it in part:

Probably to all who will see this page, sex is a topic which seems not only necessary to talk about, but fit to be talked about. The old taboo is gone and therein we take pride—we who like to think of ourselves as a freer, a cleaner minded generation.

Old taboos do not go in a moment, however, nor in a decade. There are a good many people who honestly question whether we are bettered by our modern candor of speech. They honestly question whether departing from old canons of decorum and opening the secrets of sex to the curious interest of youth has really resulted well.

Meanwhile openness of discussion spreads. Sex education is being steadily adopted into more schools, recognized by more fathers and mothers as one of the inescapable responsibilities of parenthood. The conviction grows that children and young people have a right to be taught in sex matters, and that we must somehow tell them, early and frankly, what we have come to call "the facts of life."

Probably no one in this generation will do it thoroughly well. What seem the blatant indelicacies and dangerous experimentations of the present are probably the result we should have known we would have to expect for a while, from the clouded and sporadic sex teaching which is about the best we can yet do. But we shall do a great deal better.

We cannot yet stand wholly erect in the presence of great sanctities we have insulted. Too many centuries our race called the flesh ignoble and thought sex inherently unclean.

While we think of sex education as "one of the inescapable responsibilities of parenthood," and a duty, we have not gone very far, nor shall we succeed very well. Presently we shall see it, instead, as one of the beautifully natural unfoldings, like looking on and stretching a hand when the baby takes his first lovely, tottery steps alone. It will be an exchange of thoughts between the children and their fathers and mothers, a gradual coming to understand, a transmission of ideals, a contagion of aspirations; happening nobody knows when or how, but happening; permeating childhood.

All that we have ahead is not to be arrived at in a day. He who plants an oak tree and he who plants an idea must love the future more than the present, for both are of very slow growth.

## "DEEDS INIMITABLE"

*The Fifth in the Series of "Our Adventurers"*

Islands

Covered by

Delano Service



EDITOR'S NOTE: Edith M. Spiers, the third nurse to be chosen for the Delano Memorial Nursing Service, was assigned to a group of islands off the Maine coast in August, 1922. Her public health nursing activities are similar to those of other nurses. She has new babies and new mothers to care for, old people to bathe, school children to guide into health habits, corrections of defects to arrange for, Home Hygiene classes to teach and all the other tasks of a rural nurse. But in its physical characteristics her district differs very much from other territories. These excerpts from her letters and reports have been chosen to show the "local color" of this island service. The map and the pictures will help in the interpretation of life as lived not far from New England's "stern and rock-bound coast."

**I**T HAS been bitter cold (to-day it is fourteen below zero) and the wind is piercing and raw. As I look over my typewriter, out through the window, the sea appears like a "boiling pot," so

rough, with heavy rising vapor, like steam. We cannot have our mail to-day. It is too rough for the boat to come, and the "meatman" can't come to us for the same reason. So for the

third time this week we shall have "fish and potatoes" for dinner. The fish is salty and dry. It is boiled and served with pork scraps. In the course of the past two and a half years I have learned to like it very much.

I met with the sewing circle Wednesday. We talked about the Home Hygiene class which I expect to begin next Tuesday—if I can get some wood. It is not so hard to secure, but it is difficult to get it sawed and split and put in to dry. There are so many things to plan for here that on the mainland one doesn't have to bother with.

The boat did not come Sunday as I expected. However, it appeared on Monday, and we were so iced in that it "parked" outside the harbor and blew for us to bring our mail and get that which was on board for us. We were quite excited, as you may expect. I had to go to the lighthouse to see all that was going on. I had also some prescriptions which were to be filled in Rockland. These I planned to send out to the boat by one of the men who came down to help carry the mail ashore, but when I reached the head I asked if I might go out to the boat. It was high tide and the ice was quite broken around the shore, which necessitated my being pushed through the ice in a punt. A few feet out from the shore we could walk safely to the boat, which was half a mile out. The day was indeed an eventful one, and one that I will not forget in a hurry. When we left the boat for the shore, each person had to carry something. Of course, the mail bags were left for the men. I had a gallon of milk and nearly two weeks' supply of papers that I dragged along. It was so funny, the whole thing, that it hardly seemed real. This is catalogue season, and when the men were throwing the mail bags ashore they would call "Charlie Williams, Sears Roebuck," and so on. The contents of each bag seemed to be known.

The grain which we have been looking for had to go back. It was too difficult to get it ashore and drag over the head, which is a quarter of a mile

of hilly woodland. We have been expecting the government cutter to help us, but we hear that it is busy carrying doctors and taking the sick to hospitals. The cutter is supposed to bring all of our heavy freight and cut the ice which is about us. Our cattle are not wholly without food, yet there is a shortage. The horses are being used to haul wood while the sledding is good, and owing to the grain shortage are on a limited diet. We have been getting along on a limited diet ourselves, as there has been no freight for three weeks, and then only a small amount. The stores have run out of many things. Until to-day we have had no sugar, fresh meat, or yeast bread. Kerosene and grain also have been quite scarce.

Just now we are having an epidemic of grip, and there are many sick folks. To-day I made seven calls, which took the entire day, as I travel on foot, except when the doctor calls for me.

There has been no fishing or lobstering since the middle of January, and although everyone seems to be getting along, I feel that it will take considerable time for those with large families to catch up again.

Although we have had severe storms, high seas and great gales, the pleasant days far outnumber the stormy ones, and I have been able to visit four of the assigned islands in open motor boats without much difficulty.

One of my trips was not altogether smooth. It was about a month ago, just before a snowstorm. The sea grew choppy indeed and I felt that every wave would swallow us. The north-east gale blew in our faces, and when it started to storm I found myself repeating lines of "The Wreck of the Hesperus," alternating with strains of "The Landing of the Pilgrims."

I have several bedside patients. One in particular, a most pathetic case, is a woman of fifty years, paralyzed on the entire left side, partially blind, and a constant sufferer. Her husband, who is a lobster fisherman, gives her as much attention as possible, but being handicapped by the loss of a leg, he

cannot give entirely adequate service. Yesterday I moved her from the bed to the couch, and made her bed up all clean and fresh—changing the mattress and bathing her before putting her in her own bed again. When she was placed on the clean bed she said, "Oh, nurse, I feel just like I was in the hospital, so clean and comfortable."

This has been a busy month, and unusually short! The influenza found us way out here and most everyone on the island has had it, except the doctors



*On skis in a winter storm*

and nurse. They were too busy. And I am happy to say that many of the children from the Home Hygiene classes have assisted in caring for the sick. They have had excellent opportunity to put into use the many things learned in their classrooms.

About the middle of the month the lightkeeper and his wife were taken sick. There was no one to care for them. Their nearest neighbors are about a mile away and most of them were ill, so I went and stayed for four whole days and nights. At that time the boat was very irregular and came only once that week. When it came we

sent for a special nurse and I was relieved.

On the nineteenth most of the sickness was over and I arranged to take a little girl to Rockland to be operated on for tonsils and adenoids. Sunday I made eight sick calls.

After breakfast, about 8 A.M., I went to visit my sickest patient. I bathed her, changed her mattress and remained about two hours. Then I went to the Health Center, made a fire and fixed things up for services which were to be held in the evening. You know we hold prayer meetings every Friday evening in our Health Center. After hanging the curtains and blacking the stove, I went "home" to dinner and set out on skis for Mintern, three miles away, for our class in "Home Hygiene and Care of the Sick."

We have had a fire! The first that ever visited the island. It was snowing hard and the wind blew terribly. Most of the island had been sleeping for hours and we were about to go to bed when we smelled smoke. The sky was gloriously illuminated, and we heard the crackling of burning timber.

The men hurriedly donned their sou'westers and oilskins and I too pulled on my rubber boots, bundled up and started in the direction of the fire. It was about a mile away, on the edge of the shore. The drifting snow had made the walking almost impossible, but after rolling over snowbanks, climbing fences and crawling up icy rocks, I reached my destination and discovered that two of my patients, a new mother and her little baby, had lost their home!

I hastened to the home of the girl's mother. There, huddled behind the stove, shivering and pale, was the sixteen-year-old mother who with her infant babe and husband had fled from the burning house with only underclothing to protect them from the cold blasts and the driving storm.

As I examined the child who had been rescued from a smoky room, I tried as best I could to cheer up the



little family whose home and effects were now only history.

It was nearly 2 o'clock when I got back to bed but I had left my sleepiness on the shore. I was thinking of my prenatal case, the awful storm, the fire, the family, and I couldn't help wondering what reactions the fire might bring and what we would do if a doctor was needed. We couldn't possibly get one because the sea rose high in the air and the boats at the moorings rocked and tossed. It was windy and still storming. And then, just as I was dressing, a gentle voice announced that I was wanted at Mrs. —. She was my pre-

Matinicus and I hope she'll be a wonderful girl.

The church supper for the fire refugees brought me in contact with every person on the island. I solicited the island for food, and made a visit in each home. The fire and the new baby were topics for conversation and I had an unusual opportunity to get better acquainted with my people.

The supper was a wonderful success. I worked in the kitchen and waited on the table. We collected eighty-six dollars.

The next thing to happen was scarlet



*By boat*

natal case and we had planned to have the doctor from Vinal Haven. On my way to her home I recited to myself the prayer of Joshua, and sped on. Only the grandmother and I were present to officiate and she told me frankly she was scared to death. The patient too was nervous but progressing nicely. On examining her I found everything all right. It was impossible to get a doctor. So we all agreed that soon everything would be over and there wasn't a thing to worry about or be afraid of. At 9 o'clock we had a lovely baby girl and everything went swimmingly. When I made out the birth certificate I asked for the name and they said it should be whatever mine was, so we have an "Edith M." on

fever. We have it yet. The church has been closed and our classes in Home Hygiene ended, much to my disappointment, because I am attending the mother and baby and I can only make window visits to the isolated family, but the cases are mild and so far confined to one home. All contacts have been isolated for two weeks and every precaution has been used to prevent the disease from spreading.

The last of the week brought us Dr. Young from the State Department of Health. He had just come from Matinicus and he told me that one or two of the cases of infantile paralysis there were very sick. They had no doctor on the island and it costs a small fortune to get one because it is about

twenty-two miles out to sea, and oftentimes very rough.

On my arrival at Matinicus I found two very pathetic cases. One was a girl of nineteen who was to have entered a training school for nurses very shortly, and the other a girl twenty-one years old who had planned to teach school. Both were very sick and quite helpless. I stayed with them four weeks and three days.

On my return to Swan's Island I assisted with an operation and made several visits. I attended church services which are held in the Red Cross Health Center; I looked up some children who are to be operated on and made plans for our next class in home nursing to be conducted at Swan's Island. I find that the loan closet is being used all the time and the people are doing good work with the little fund that they have on hand.

I have had quite a mail order business this month regarding corrective work for children on other islands, and I have been able to make arrangements for many with the doctors and the hospitals. It is a new and extraordinary adventure for the many mothers who are taking the children to the

mainland for medical care. Few of them know how to go about it.

I got up at 5 o'clock to get to North Deer Isle in time to walk across before the tide covered the sandbar which connects us with the big island at low water.

The man that drove me from Stonington said that the tide was coming swiftly and he would walk across with me to see that I got over the bridge all right. The bridge is the lowest part of the bar and is built up with rock and granite slabs to prevent its washing away. It is the last two-thirds of the bar which is a mile in length. We hurried along until we came to the bridge, which was covered with two feet of water, and the tide coming in swiftly. My guide said, "You can't make it." I answered "I can!" and insisted that he return at once, otherwise he'd have to swim the two-thirds of a mile back. He watched me take off my shoes and stockings and I heard him hurl back, "You're all right," and he was off. I waded ashore a third of a mile, my clothes rolled up quite high, a brief case suspended in the air by one arm, two stockings with shoes inside dangling from the other. It was rough on my feet, but "all's well that ends well."

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It will be interesting to our readers to know that the dinner planned for the opening day of the Health Center in Evansville, Indiana, as described at the end of the article on page 301 was interrupted by news of the tornado which swept through Indiana and Illinois and the precipitate departure of Miss Cron, who was called away to organize a group of nurses to be sent to Griffin, Princeton and New Harmony, Indiana, for tornado relief. She writes of their tornado experience:

It has been a great satisfaction to the members of the Board and nursing staff of the Health Center, that we were able to give immediate service. Every nurse on the staff of the Health Center, with the exception of one who had been seriously ill, has been on duty in the stricken areas. After our services were no longer needed in the emergency work, the Health Center supplied nurses to two of our local hospitals which were much in need of extra nursing service. One of my assistants and myself, after a group had been dispatched to Princeton, left immediately for Griffin. It would be difficult for me to describe adequately the deplorable conditions as we found them in Griffin when we arrived. About one hour after our arrival, the railroad company sent in a coach which we made our headquarters. For the first hour we groped about in the darkness. There was no shelter and the soldiers were struggling hard to erect tents against a furious wind.

# STANDARDIZING QUALIFICATIONS FOR PUBLIC HEALTH NURSING POSITIONS

*We are printing this article simultaneously with its publication in The American Journal of Public Health*

Report of the Committee to Formulate Standards for Positions in Public Health Nursing presented to the Public Health Nursing Section of the American Public Health Association at the Fifty-third Annual Meeting at Detroit, Michigan, October 20, 1924.

IT IS generally conceded that hospital training is not a sufficient preparation for the public health field. The Winslow-Goldmark report, published after three years of careful study of nursing education in its application to the public health field, recommends a full academic year of post-graduate study, following at least two years and four months of hospital training.

The Winslow report, included in "The Report of the Committee on Municipal Health Department Practice" of this Association (the American Public Health Association), published by the Government Printing Office in July, 1923, states: There are three common ways of training public health nurses. These are:

- (1) A school of public health nursing, which is usually associated with some university.
- (2) Hospital training schools which give their student nurses short field training under the direction of local health departments or visiting nurse associations.
- (3) Nursing organizations which give new nurses a few lectures by members of the staff and when possible send these new nurses into the field for a few weeks with the older nurses.

It is a regrettable fact that very few schools of nursing have required more than two years of high school for admission,\* and some less. Thus we have thousands of nurses, graduate and in training, who could not qualify for university work.

The number of nurses who receive an introduction to the public health

field while still in training is very small.

The preparation of the public health nurse, by means of educative supervision, implies that the organizations employing nurses have highly qualified directors and field supervisors.

With the rapid expansion of the public health field, the demand for nurses has far exceeded the number of well qualified workers, and we must accept the responsibility for formulating minimum as well as desirable, standards for the nurse in the public health field.

At the request of the Conference of State and Provincial Health Authorities of North America, a small committee, including two representatives each from the National Organization for Public Health Nursing, the Nursing Section of the American Public Health Association, and the Conference of State and Provincial Health Authorities of North America, was appointed to formulate standards for positions in public health nursing.

The committee was asked to consider standards applicable now (1925) and those that might be enforced five years hence (1930) and to consider:

1. The nurse on a well supervised staff.
2. The nurse working alone, or without the daily supervision of a qualified nurse.

This committee has considered the various ramifications in the problem of nurse education (the low standard of admission to nursing schools, the comparatively small number of nurses who can qualify for university work, the small number who receive an introduc-

\* In 1924 there are 1,744 schools of nursing, 50,897 students registered in these schools. Of these 1,744 schools, 217, or 11 per cent, state that they require high school graduation for admission. In these 217 schools, there are 11,194 students, or 22 per cent of the total number of students. Many schools requiring less than high school graduation have many high school graduates (as Bellevue, New York City). Roughly estimated, therefore, there are at least 15,649, or 30 per cent of students now in training, who are high school graduates.

tion to the public health field while in training, the number of visiting nurse organizations prepared to give well supervised experience) and submit these recommendations:

QUALIFICATIONS FOR THOSE APPOINTED  
TO POSITIONS IN PUBLIC  
HEALTH NURSING

*I. For the Nurse on a Staff Providing  
Well Qualified Nurse Supervision.*

A. *Minimum Qualifications for 1925.*

1. For nurses graduating from schools of nursing since 1920.

(a) At least two years of high school education.

(b) Fundamental nursing education—namely:

Graduation from a school for nurses connected with a general hospital having a daily average of 30 patients or more and a continuous training in the hospital of not less than two years. Training shall include practical experience in caring for men, women and children, together with the theoretical and practical instruction in medical, surgical, obstetrical and pediatric nursing. Training may be secured in one or more hospitals.

(c) Registration under some state nurse practice law.

2. For nurses graduating from schools of nursing before 1920.

(a) No academic qualification stated.

(b) Professional training or experience which has developed a wisdom and judgment which is valuable in the public health nursing field in spite of lack of formal academic education.

(c) Same as A, 1(b).

(d) Registration under some state practice law.

B. *Desirable Qualifications for 1925, to become the Minimum Qualification for 1930, or 1927 if possible.*

1. For nurses graduating from schools of nursing since 1920.

(a) At least high school graduation or its educational equivalent.

(b) Same as A, 1(b).

(c) In addition to the services required in the fundamental technical education (obstetric, pediatric, medical and surgical nursing), theoretical instruction and practical experience in one or more of the following services:

Public health nursing.  
Communicable disease nursing.  
Tuberculosis nursing.  
Hospital social service.  
Mental hygiene.

(These services may be given in the school or taken as post-graduate work.)

(d) State registration in the state in which the nurse is to be employed.

2. For nurses graduating from schools of nursing before 1920.

(a) No academic qualifications stated.

(b) Professional training or experience which has developed a wisdom and judgment which is valuable in the public health nursing field in spite of the lack of formal academic education.

(c) Same as A, 1(b).

(d) In addition to the services required in the fundamental technical education (obstetric, pediatric, medical and surgical nursing), theoretical instruction and practical experience in one or more of the following services:

Public health nursing.  
Communicable disease nursing.  
Tuberculosis nursing.  
Hospital social service.  
Mental hygiene.

(e) State registration in the state in which the nurse is to be employed.

*II. For the Nurse Working Alone, i.e.,  
without duly qualified nurse supervision.*

A. *Minimum Qualifications for 1925.*

1. For nurses graduating from schools of nursing since 1920.

(a) At least two years of high school.

(b) Same as A, 1(b).

(c) Four months of instruction under one of the recognized public health nursing courses, or—

Four months organized instruction for the special field, or—

One year's experience on the staff of a public health nursing organization giving daily qualified nurse supervision.

(d) Registration under some state nurse practice law.

2. For nurses graduating from schools of nursing before 1920.

(a) No academic qualifications stated.

(b) Professional training or experience which has developed a wisdom and judgment which is valuable to the public health nursing field in spite of the lack of formal academic education.

(c) Same as A, 1(b).

(d) Four months of instruction under one of the recognized public health nursing courses, or—

Four months organized instruction for the special field, or—

One year's experience on the staff of a public health nursing organization giving daily qualified nurse supervision.

(e) Registration under some state nurse practice law.



B. *Desirable Qualifications for 1925 which should become the minimum qualifications for 1930, or 1927 if possible.*

1. For nurses graduating from schools of nursing since 1920.
  - (a) At least high school graduation or educational equivalent.
  - (b) Same as A, 1(b).
  - (c) In addition to the services required in the fundamental technical education (obstetric, pediatric, medical and surgical nursing), theoretical instruction and practical experience in one or more of the following services:
    - Public health nursing.
    - Communicable disease nursing.
    - Tuberculosis nursing.
    - Hospital social service.
    - Mental hygiene.
  - (d) Four months of instruction under one of the recognized public health nursing courses and one year's experience, or an eight months' course in public health nursing and six months' experience.
  - (e) State registration in the state in which the nurse is to be employed.
2. For nurses graduating from schools of nursing before 1920.
  - (a) No academic qualifications stated.
  - (b) Professional training or experience which has developed a wisdom and judgment which is valuable in the public health nursing field in spite of the lack of formal academic education.
  - (c) Same as A, 1(b).
  - (d) In addition to the present requirements in fundamental technical education (obstetric, pediatric, medical and surgical nursing), theoretical instruction and practical experience in one or more of the following services:

Public health nursing.  
Communicable disease nursing.  
Tuberculosis nursing.  
Hospital social service.  
Mental hygiene.

- (e) Four months of instruction under one of the recognized public health nursing courses and one year's experience, or an eight months' course in public health nursing and six months' experience.
- (f) State registration in the state in which the nurse is to be employed.

*Special Personal Qualifications desirable for all public health nurses:*

Adaptability, tact, patience, tolerance, courtesy, a spirit of coöperation, and an open mind.

This report is submitted with the Committee's recommendation that further study be made of the qualifications for nurse directors and supervisors, and for continued revision of these qualifications from year to year.

It is further recommended that a committee be appointed to consider standards for directors and supervisors in municipal health departments, based upon a study of the report on the qualifications of superintendents and directors in 69 public health nursing organizations, made by the Provisional Section on Public Health Nursing of the A.P.H.A.

MABELLE S. WELSH, R.N., *Chairman.*  
GERTRUDE E. HODGMAN, R.N.  
EUGENE R. KELLEY, M.D.  
A. P. McCORMACK, M.D.

Michael M. Davis, Ph.D., in a recent number of *Nation's Health*, writes on the "Relation of Hospital Social Work to Public Health Nursing."

The keynote of this article is expressed in Dr. Davis' last paragraph:

The important thing is to study the tasks to be done and to train for these tasks not in accordance with our professional backgrounds or even according to our predilections, but in accordance with what the task demands.

In other words, Dr. Davis is saying what educators in other fields are urging, "a job analysis" in terms of what *needs to be done* rather than in terms of the equipment of what any professional group may bring to the job. Too often the nurse or social worker sees the job only from the angle of what she herself can contribute and neither one appreciates the contribution of the other:

The public health nursing group needs, perhaps, more appreciation that there is a body of principles and a definite technic of social work for which a certain fairly extensive type of training is required. The social workers, perhaps, need more appreciation of the medical tradition and of what they themselves ought to know before venturing into cases which touch medical problems. Both groups certainly need to make careful study of methods of health education.

For all those interested in the questions of Dispensary Service, education for nursing or for social service, this article should be of genuine interest.

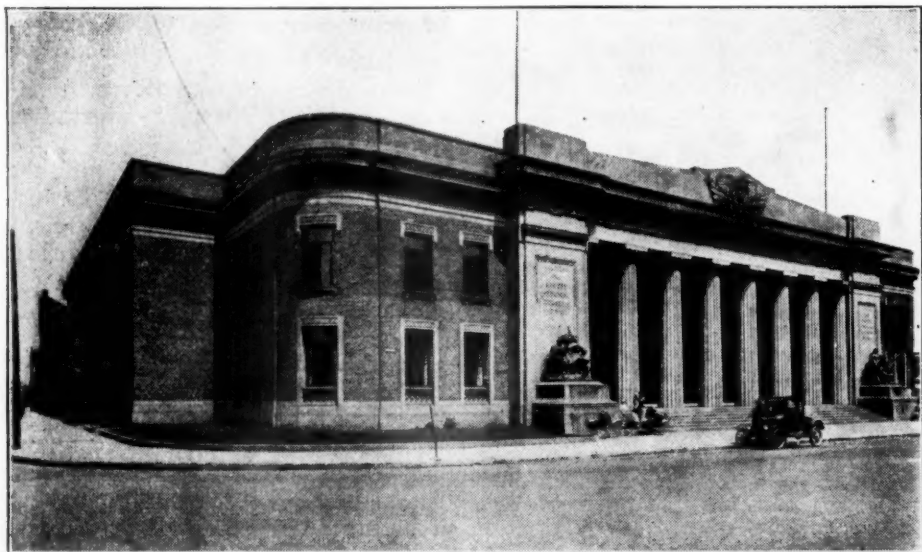
G. E. H.

# HOW EVANSVILLE, INDIANA, FEDERATED ITS NURSING SERVICES

BY LOUISE D. ORR

Chairman of the Joint Executive Board of the Visiting Nurse and Babies' Milk Fund Associations

*This is the first article of the series on "Amalgamation of Public Health Nursing Services" on which we have commented editorially in this number.*



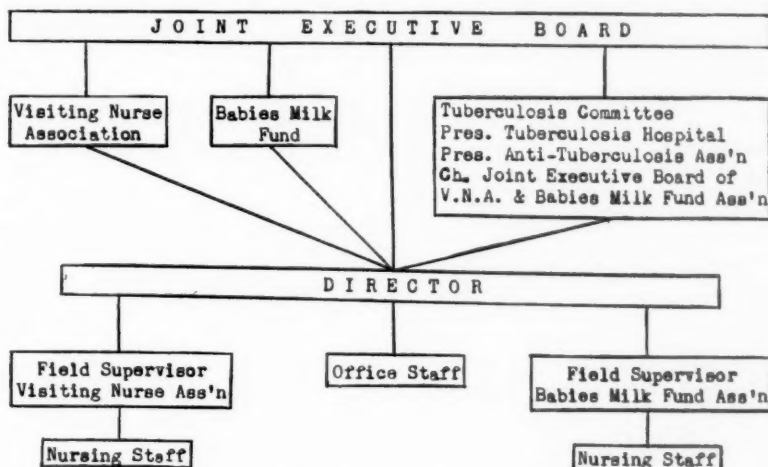
*Headquarters of the Health Center in the Soldiers and Sailors Memorial Coliseum Building  
The Health Center rooms are shown to the left of the entrance*

**I**N JANUARY, 1924, the Visiting Nurse Association and the Babies' Milk Fund Association, the largest public health nursing services in Evansville, agreed that in order to give the community the best possible service, it was necessary to promote closer co-operation and to make certain well defined divisions of the work to prevent duplication of effort.

As a first step a third Board of Directors was organized which was representative of the two Associations. This board was designated as the Joint Executive Board of the Visiting Nurse and Babies' Milk Fund Associations. Five members from each of the two associations were elected to membership on this Board. The first chairman was selected from the group representing the Visiting Nurse Association, as this

is the elder of the two associations, the next and present chairman being selected from the Babies' Milk Fund Association group.

The next step, following the organization of the Joint Board, was to secure the services of a competent Director, whose salary would be prorated. Miss Hulda A. Bieri Cron reported for duty last August. Miss Cron spent the first two months in the offices of the two associations, making a detailed survey of the programs of work, the standards and methods used, and the efficiency of the personnel. At the end of this period she was in a position to make a complete report of her observations, and recommendations to the Joint Board. One of the recommendations was to the effect that both nursing groups be housed in one



Graph showing organization

office and function as nearly as possible as one unit.

As a further step we have just closed negotiations with the local Anti-Tuberculosis League for the transfer of the tuberculosis nursing and clinic service to the Health Center.

The clinics are conducted by the Superintendent of the County Tuberculosis Hospital, which means a close tie-up between the Health Center and the hospital. Any necessary social service work will be referred to the public health nurses, as the service covers both the city of Evansville and the county. One of the Health Center nurses is now detailed for county service only. As shown on the graph a Special Tuberculosis Committee has been organized, to which the chairman of the Joint Executive Board belongs.

The County has provided a budget of \$3,500 for the support of this branch of nursing and clinic work for the remainder of this year. In August, when the regular county appropriations are made, the 1926 budget will be granted.

We were fortunate in securing the cooperation of the county auditor who has charge of our Coliseum Building. In December we moved both Associations into an unusually attractive suite in this beautiful county building, our rent being very nominal. Our new

headquarters, which include excellent clinic rooms, are known as the Health Center, the names of the two Associations appearing as cooperating agencies.

#### *Work Program Re-defined*

Following this we made a redefinition of the program of work to be carried on by each nursing group. The redefinition was based on an age basis as being the best policy to pursue in the light of our special problems.

The Babies' Milk Fund Association group carry on all branches of nursing work among the pre-school children, while the Visiting Nurse Association group carry on all nursing work for all persons over six years of age. Of course, a good cooperation exists between the last named group and the school nurses.

A trained field supervisor is in charge of each group of nurses. The same standards and methods of nursing procedures are observed by each group. The Supervisor and the nursing staff of the Babies' Milk Fund meet in the morning. The Supervisor and Visiting Nurse staff meet immediately after lunch.

At present we have no direct contact with the school nurses now employed by and under the supervision of the Board of Education. The school nurses, however, have been invited to

join in a weekly meeting at which talks by representatives of health and social agencies are given.

### *Financial Support*

As to financial support, we have a Community Chest in Evansville. The Visiting Nurse Association receives its support from the Chest, from its earnings from the Metropolitan nursing service, which, by the way, averages \$600 to \$700 per month, and pay service. From a local estate the Association has been given for several years the sum of \$250; however, each year this comes up as a new consideration, as it is not a revenue derived from an endowment fund. The Visiting Nurse Association has no endowments. The Babies' Milk Fund Association also participates in the Community Chest. It receives a city appropriation of \$175 per month and a county appropriation of \$150 per month. The Association receives from \$50 to \$65 a month for Metropolitan nursing services rendered to children under six years of age. A small sum of money is derived from pay nursing services. We are endeavoring to extend this service. The tuberculosis nursing service is entirely financed by county appropriations.

A rather interesting scheme was developed in the conduct of the office. One stenographer and one clerical are employed at present. The stenographer is held responsible by the executive for the satisfactory performance of the office work. The sum total of these two salaries is divided equally in the budgets of the two Associations.

With the splendid coöperation of the members of the Boards and nursing staffs, we have adopted one uniform for both groups, standardized vacations, sick leave and salaries. Both organizations have discontinued using individual stationery and will use a regular Health Center letter head with the names of the participating agencies and that of the executive appearing.

To the observer, we appear absolutely to function as one unit rather than two. However, each organization maintains its own identity—though the

Joint Executive Board supersedes the executive boards of the individual organizations.

The Director is responsible for the purchasing of all supplies. Four



*Part of cartoon*

financial accounts are kept, one for the Visiting Nurse Association, one for the Babies' Milk Fund Association, a third for the Health Center, and a fourth for the County.

The only change in personnel has been a stenographer.

Our scheme has been a practical one as we have been able to achieve results. On March 18th we held the formal opening of our Health Center. We received splendid publicity—including a cartoon, a front page article and an editorial in the morning paper. Exhibits of clothing, health literature, etc., were on display in the clinic rooms which include a large waiting room and three examining rooms on the lower floor, all finished in white and battle-ship gray, with tables and chairs painted white. Storerooms, linen closets and supply chests are also on this floor. The offices of the two organizations are on the second floor.

The State Commissioner of Health was our guest for the day. A dinner was planned in his honor to which the editors of our papers, leading politicians, physicians, Chamber of Commerce representatives and the executives of various welfare groups were invited.



# PUBLIC HEALTH IN THE FEDERAL GOVERNMENT

BY ELIZABETH G. FOX AND JAMES A. TOBEY

OF THE many agencies, official and voluntary, which are concerned with the protection and promotion of the public health in this country, the one which is most comprehensive in its scope and carries on the largest volume of activity is the Federal Government itself. The annual appropriations for the various public health functions of the national government amount annually to over fifteen million dollars. This sum does not include the fiscal items for activities which are purely medical, such as hospitalization, and medical relief for soldiers, sailors, civil employees, ex-service men, natives of Alaska, the government insane, and other wards of the United States. For these strictly medical purposes over fifty million more is appropriated each year. The total for public health and medical activities aggregates, therefore, close to seventy million dollars, though this is only about 2 per cent of the entire national yearly budget of some three and a half billion dollars. The amount spent on actual health work is less than a half of 1 per cent of the government's total budget. These figures are, of course, somewhat approximate, as it is difficult to separate the various items exactly.

No one bureau or branch of the Federal service receives all of this appropriation. Instead, it is scattered in thirty or more separate bureaus and divisions, each of which is interested directly or indirectly in some phase of the public health. The largest single appropriation goes to the Public Health Service of the Treasury Department, which for the fiscal year 1925 was granted \$8,733,021. Of this sum, however, nearly five millions is for the medical examination of immigrants and other persons entitled to such examinations. The Bureau of Animal In-

ture was given \$7,523,916, of which \$3,277,600 was for investigating and eradicating tuberculosis in animals and \$1,071,150 for meat inspection, the latter amount being in addition to a standing appropriation of \$3,000,000 for this purpose. The Bureau of Chemistry, also in the Department of Agriculture, receives \$1,387,230 for analytical work under the pure food and drugs act, and for other purposes. To the Children's Bureau goes \$1,334,012, of which somewhat over a million is applied to the maternity and infancy act. Three hundred and seventy thousand dollars is allotted to the Office of Indian Affairs (Interior Department) for preventing diseases among the Indians, and \$107,000 to the Bureau of Home Economics of the Department of Agriculture. The various appropriations to other bureaus need not be listed in detail, except possibly that mention should be made of the meager sum of about \$15,000 for the purposes of the Division of School Hygiene of the Bureau of Education in the Interior Department.

Many of the Federal health activities are of direct interest to public health nurses, and they are, of course, of general interest to all sanitarians. The functions and duties of the several nursing services of the government, those connected with the Army, Navy, Public Health Service, Veterans' Bureau, and Office of Indian Affairs, are presumably familiar to most members of the nursing profession. A description of some of the other general public health work will be presented, though it must of necessity be somewhat concise. An entire book on this subject could be written and, in fact, is being developed under the auspices of the Institute for Government Research of Washington, D. C., to be ready late in 1925. The Institute also has available

monographs describing in detail the Public Health Service, Children's Bureau, and other Federal bureaus.

Although there are thirty or more different bureaus, divisions, or other branches of the government interested in the public health, with only eight of them can the health work be said to be a major function. Chief of these is the Public Health Service. Because this bureau has evolved from the Marine Hospital Service, which dates back to 1798, when collectors of customs were authorized to assess American seamen for medical relief, it is now in the Treasury Department. Many of the other bureaus doing health work are also where they are merely for historical reasons. The Bureau of Home Economics, for instance, which conducts important nutritional investigations of general scope, is in the Department of Agriculture because the first appropriation for a study of nutrition was made in 1884 to the Secretary of that department, who was then and perhaps is to-day the logical official to administer such a duty.

#### *The Public Health Service*

The Public Health Service, as organized to-day, is charged with furnishing medical relief to certain persons designated by law, with preventing the spread of disease through the agency of foreign and interstate commerce, and with making scientific investigations which will assist in controlling disease and promoting public health. In order to carry out the activities necessary to these functions, the bureau is organized into eight divisions, as follows:

1. Scientific Research
2. Domestic (Interstate) Quarantine
3. Foreign and Insular Quarantine and Immigration
4. Sanitary Reports and Statistics
5. Marine Hospitals and Relief
6. Venereal Diseases
7. Personnel and Accounts
8. General Inspection Service

Among the many matters undertaken by the Service under the general direc-

tion of the Surgeon General may be mentioned: medical treatment for various beneficiaries, now a relatively minor activity; medical examinations of immigrants; foreign quarantine; prevention of the interstate spread of disease, including coöperative sanitary engineering in the states, control of epidemics, and other assistance on request from state health officials; control of the venereal diseases; rural sanitation, in coöperation with the states; control of biologic products; collection of statistical information; scientific research, including child hygiene, occupational diseases and hygiene, investigations of specific diseases, surveys of administrative methods in public health, laboratory studies, popular health instruction, and coöperation with other government bureaus. Of the 4,400 or so persons connected with the Service, about 360 are nurses, most of whom, however, are engaged on institutional duties. A list of the 1,000 or more publications issued by this bureau may be obtained from the office of the Surgeon General.

#### *The Children's Bureau*

The Children's Bureau of the Department of Labor is another important health agency. It was established in 1912 and, like the Public Health Service, is now organized in eight divisions, which are:

1. Office of the Chief
2. Office of Assistant Chief
3. Maternity and Infancy
4. Child Hygiene
5. Industrial
6. Social Service
7. Statistical
8. Editorial

The Bureau conducts investigations of maternal and infant mortality, child hygiene through the pre-school period, child labor and industrial conditions affecting child welfare, dependency, mother's pensions, delinquency, juvenile courts, mental defectives, recreation, and various other matters concerned with child welfare. The Federal Maternity and Infancy Act, which was passed in 1921, is administered by

this Bureau. The division in charge of this particular work has on its staff a public health nurse, who acts as consultant to the states on nursing matters arising from the operation of the law. There are also three public health nurses connected with the field unit of the child hygiene division. The Bureau has issued many useful publications, which are available to those interested.

#### *Department of Agriculture*

The Department of Agriculture has a number of bureaus which do public health. The Bureau of Chemistry, which performs the analytical work under the pure food and drugs act, and the Bureau of Animal Industry, which inspects meat intended for shipment in interstate commerce and carries on many other duties which affect human as well as animal health, have both been mentioned, as has also the Bureau of Home Economics. In addition, there is a Bureau of Dairying, which was established in 1924 after having been a division of the Bureau of Animal Industry for many years; a Bureau of Agricultural Economics, which, among other things, is conducting a survey of rural hospitals and studies on rural family welfare; a Bureau of Public Roads, interested in farm sanitary engineering; and an Extension Service, which has a corps of home demonstration agents. Nurses will be particularly interested in the work of these agents, as often they are the only persons in rural districts who deal with social welfare, unless the locality is sufficiently fortunate to have a public health nurse.

Home demonstration work is one phase of the nation-wide system of extension service carried on by state agricultural colleges in coöperation with the Department of Agriculture. It began in 1914 and derives its authority from the so-called Smith-Lever Act of that year. The 900 home demonstration agents are supported jointly by Federal, state, county, local, and agricultural college funds, and their duties consist in helping rural families to ap-

ply efficient methods on the farm, including home management, food production and preservation, home nursing and sanitation, clothing problems and participation in community enterprises. The agents usually work under the direct auspices of a county farm bureau, of which about 900 have now been organized. In order to secure a home demonstration agent, the people of a county must first communicate with the extension service of the state agricultural college or with the agricultural agent in the county.

#### *Departments of Commerce and Interior*

The Departments of Commerce and Interior contain still other bureaus concerned with public health. In the former department is the Bureau of the Census, with a division of vital statistics which conducts the national bookkeeping of public health. In the latter department is the Bureau of Mines, which received in 1925 an appropriation of \$359,768 for investigating mine accidents and \$262,300 for operating mine rescue cars and stations. The Division of School Hygiene of the Bureau of Education has many attractive and valuable pamphlets relating to this aspect of public health. The Bureau of Education is likewise charged with the care of the health of the natives of Alaska, for which purpose its Alaska division receives a sum of \$110,000. St. Elizabeth's, the government hospital for the insane, is in the Interior Department, and the Office of Indian Affairs has already been mentioned. A notable achievement in this last named bureau was the recent establishment of a public health nursing service, attached to the commissioner's office. This unit works in close coöperation with the medical division.

#### *Other Federal Health Activities*

There are many other health activities of the Federal government, though none, perhaps, of primary importance in the scope of the bureau. The Bureau of Labor Statistics, for example, investigates industrial hy-

giene; the Post Office Department prosecutes for frauds involving health which are transmitted through the mails, and also has a Service Relations Division, interested in the health and welfare of postal employees; the Geological Survey (Interior) studies water supplies extensively; while the Women's Bureau (Labor), the Bureaus of Entomology, Biological Survey, and Plant Industry (Agriculture), the Bureau of Fisheries (Commerce), the Consular Service (State), the Federal Board for Vocational Education, and the Veterans' Bureau, all have some kind of a health interest, especially the Veterans' Bureau in connection with its follow-up work.

The need for the more effective co-ordination of these scattered branches of the government which are concerned with public health is apparent. Duplication of effort, to be sure, is not as great as might be expected, but there is some, and there would be much more efficacious operation if there were a central federal organization in the health field. During the last twenty years or more, a national department of health has been recommended, and several notable, but unsuccessful, attempts have been made to secure such a department or bureau. There once was, in fact, a National Board of Health, established by Congress in 1879 for a four-year period. Its activities were restricted in 1882, it received no appropriations after 1885, and the law creating it was repealed in 1893. The Sixty-eighth Congress, which adjourned last March (1925) had before it a plan for a new Department of Education and Relief, regarding which

fortunately no action was taken, as the scheme was defective for many reasons. Whether a new department of health should be advocated at this time is a question of political expediency, but certainly there should be a correlated health service, at least under an assistant secretary or a commissioner. This would mean no new expansion of activities, but merely a more effective reallocation of existing agencies. Just which ones should be brought into the central organization is no matter for an off-hand opinion and can be determined only after a most careful and searching study. This is now under way under the auspices of the Institute for Government Research.

Under our system of government public health is primarily a matter for the individual states, but the Federal Government does have certain legitimate functions, which should, of course, be as efficiently operated as possible. The public health is as important to national welfare as is commerce, agriculture, public works, foreign relations, fiscal affairs, the common defense, justice, or labor, and it should receive the same amount of recognition as do these other significant subjects. It is to be hoped that a practical plan for correlation of Federal health activities will be produced shortly and that when it is and has been decided upon by the medical, sanitary, and nursing professions, and by experts in political science, Congress may be induced to act favorably upon it. Congress will do so if it is believed that the professions and the people want it. Congress should, therefore, be rather positively informed that they do.

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Vassar College recently conducted F. P. A.'s column in *The New York World*, and produced this enlightening comment on health statistics:

We see by the papers that New York City has reduced its death rate to twelve per thousand. We understand that this indicates unusual health. Probably they are saving more babies. Or is it possible that, as in the Rough-on-Rats advertisement, the people die outside? But the question that is puzzling us is this: What is an ideal death rate? How few people could die per thousand? Doesn't it depend upon when they were born? If very few die this year won't more have to die next year? Certainly everybody dies at least once, and in New York City, with the present traffic conditions, some must die one hundred times. Can any of your statistically minded readers tell us what would be the death rate in New York City in any average year if all the citizens lived to be exactly three score years and ten?

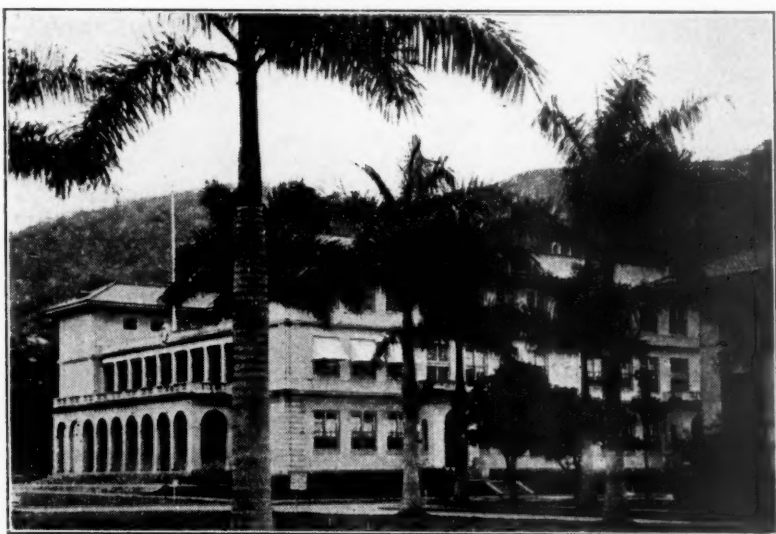
# CHILD HEALTH CONSERVATION IN THE TROPICS

*From the Viewpoint of the Public Health Nurse*

BY KATHERINE F. LUBY, R.N.  
Health Department, Panama Canal

NURSES have seen duty on the Canal Zone for more than a score of years. During the French construction days French Catholic sisters gave their best years

the world. There are now 4,000 American children, most of whom were born on the Isthmus. To-day the Isthmus has a mortality rate much lower than that of the average community of equal



*Public school in Balboa*

and many of them lost their lives in fighting the plagues existing during those horrible days of construction history.

American nurses came to fill the vacancies left upon the evacuation of the French from the Canal. The present institutional nursing service is as efficient an organization as may be found anywhere. But from the beginning of the American occupancy to the present time little consideration has been given to a work much needed in the Zone—public health nursing.

The 31,000 residents live in a very unusual environment—twenty years ago the Zone was one of the pest holes of

size in North America. This, however, does not preclude the necessity for educating the community in the needs of public health and hygiene. The main problem of the Health Department since its organization has been the prevention of diseases from without and the eradication of existing diseases, such as malaria, yellow fever, hookworm, and other intestinal diseases.

The Health Department, however, has felt for some time the need of a connecting link between its department and the home, with special reference to the supervision of the welfare of the Zone child. At the instance of the chief health officer, a public health



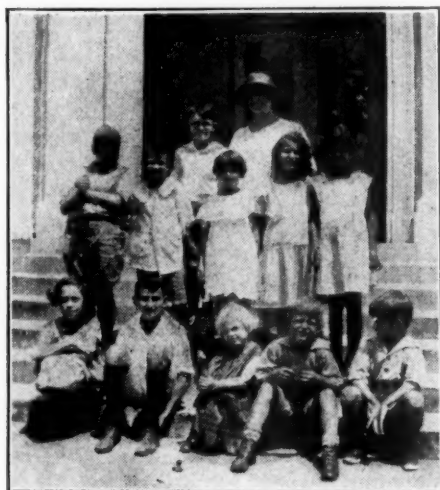
nurse was recently placed on duty on the Pacific side of the Isthmus to demonstrate the need for such services in the community. The program outline has been as follows:

Home visits for prenatal, infant, and preschool instruction.

Assisting in the physical examination of school children.

Attendant follow-up work for the correction of remediable defects.

The duties of the nurse on the Pacific side are confined to the Zone proper, with a certain amount of consulting advice in connection with problems in Panama. On the Atlantic side a nurse has been employed by the Health Department for the past six years. Most of her work is with the colored population of Colon and not in the Zone, and she gives aid to the natives who are not entitled to hospital privileges. These men, although work-



*Group of children from Ancon*

ing at various labors around the docks, such as stevedores, trucks-hands, etc., are not Canal employees. In 1920 a clinic was started particularly for their benefit. This is in charge of the health officer of Cristobal-Colon, who is a Canal Zone Health Department employee. At the clinic the nurse handles the prenatal cases, infant feeding, and general child welfare work among the natives. Her work also includes the

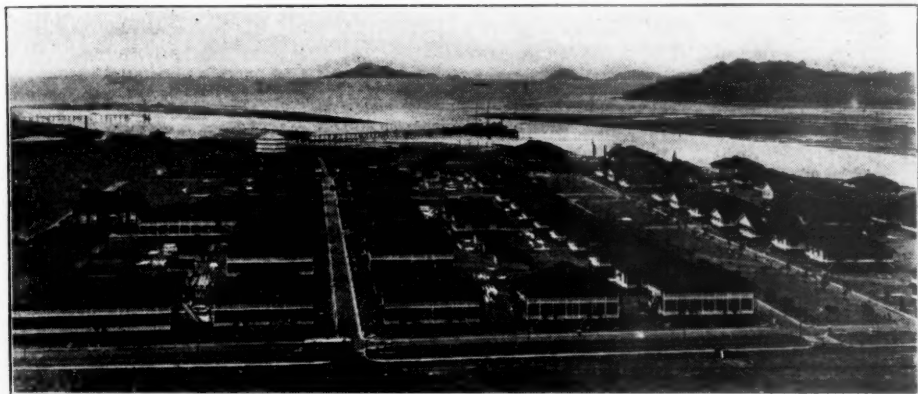
control of infectious diseases in Cristobal, and assisting in subschool work as her time permits.

In no place in the world does a child have such close supervision, I believe, as in the Canal Zone. This supervision takes place from the time of birth until graduation from high school. Public health nursing in the Canal Zone began with the introduction of the physical examination of the school children. Although this examination was not a new feature, the work had heretofore been on a different basis from that now conducted. At the beginning of the school term the children are given a preliminary examination by the nurse, the procedure being as follows: they are weighed and measured without shoes, chest expansion is taken, and they are questioned about the use of the tooth brush and other hygienic habits and the date of their last vaccination. They are next turned over to eye, ear, nose and throat specialists. In this examination a very careful test is made, using the head mirror, ophthalmoscope, and ear and nose speculum. Next they are examined by a specialist who tests their heart and lungs, and examines them for other defects. After the examination notices are sent to the parents informing them of the existing defects, with the request that these be corrected as soon as possible. If, after a reasonable time, they have not consulted a physician the public health nurse visits the homes and explains the necessity. According to statistics of the preceding year about 75 per cent of the pupils with remediable defects had them corrected. The cost to Canal employees for the correction of defects is very nominal, and is based on a sliding scale in accordance with the income of the employee.

The method outlined above leaves the nurse quite free for prenatal, infant, and pre-school home visiting. Experience has shown that the Isthmus needs a nurse for prenatal work. While expectant mothers have the advantage of examination at the various dispensaries and hospitals in the Zone, they feel the need of a nurse for more individual in-

formation which they can derive from her visits. In a good many cases young mothers need advice in regard to weaning and feeding. Owing to the lack of an adequate supply of cow's milk in the Zone care must be taken about the advice given with reference to the artificial feeding of young babies.

illness of the pupils to the district physicians on duty throughout the Isthmus. Investigation is promptly made by these physicians and if the case is found to be contagious the child is at once hospitalized for isolation. The Health Department has made mandatory isolation of the following dis-



*La Boca Settlement, home of the negro laborers on the canal*

During the past year several health centers have been organized on a volunteer basis throughout the Zone. While these centers have been attended by physicians, up to this time there has not been a nurse on duty at these centers. It is now planned to have the center activities supervised by the nurse and to have her assist the physician during clinic hours.

The school child is supervised by three departments of the Canal government: the Health Department, the Division of Schools, and the Bureau of Clubs and Playgrounds. Each of these has clearly defined functions, but they cooperate in promoting the health of school children. In this work the Department of Health is principally concerned with the physical examination of the school child and the control of communicable diseases. The health program for school children is very thorough. There is little chance for an epidemic to gain headway in the schools of the Zone owing to the efficient methods utilized by the Health Department. Under the law teachers are required to report any suspicious

eases: measles, chickenpox, smallpox, cerebrospinal meningitis, poliomyelitis, scarlet fever, and typhus fever. Those with only minor communicable disease are allowed treatment in the home under strict quarantine. It is worthy of note that if a child is absent from school forty-eight hours or more, he must visit the district physician and secure a certificate stating that he is free from any communicable disease before being permitted to return to school.

The Division of Schools has a course of study in hygiene and sanitation. The course extends through every year of school. The following health habits are particularly emphasized by the teachers: milk drinking, eating of green vegetables and fruits, daily baths, proper rest and exercise, and personal cleanliness. Nurses who have worked in any of the congested districts in the States will marvel at the scrupulous cleanliness of the environment of the Zone child, particularly the school buildings and grounds. Personal neatness and cleanliness and beauty of environment are part of the daily training.

While the Bureau of Clubs and Playgrounds is chiefly concerned with the recreation of the children, it lends its coöperation to a certain amount of health supervision. A representative is detailed to the kindergarten where she supervises the children's play.

Upon entering high school many of the pupils must include in their study a course in physical training. They are required to submit to a physical examination and are under the supervision of a competent physical director. Training includes calisthenics and the different games such as handball, baseball, tennis, etc. Swimming is the favorite exercise and this is natural, as swimming is and has always been the most popular sport of the tropics. It is rare to find a child who has attained the age of five years who cannot swim. These sunburned, brown-skinned children soon become experts because they indulge in their favorite outdoor sport the year round.

The physical director of the high school, who is also the swimming instructor, has developed swimming teams which have carried off not a few honors in competition with fellow students in the States. The swimming team known as the Red, White and

Blue troupe has been to the United States the past year on an exhibition tour. The sunshine, the fresh air, and the large open spaces, the immaculate buildings with their green lawns all suggest a healthful condition and physical fitness. On cursory glance one will observe heavily tanned, slender youngsters who do not appear to have the sturdiness of the States children. However, underneath this tanned skin are vigorous muscles and healthy tissue, due to healthful living.

The colored children, descendants of those sturdy Jamaican negroes who were imported to the Canal in construction days, receive the same opportunities as do the white children of the Zone. One will not find the negro alley or the slums so well known in the States. The Jamaican and Barbaian negroes live in clean houses, go to hygienic schools and are given every chance for healthful development afforded white children.

In this tropical country, in the area controlled by the United States, live a group of healthy, happy children, contrasted to a group of natives living in the interior to whom American methods of hygiene and sanitation have not yet penetrated.

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#### PLAYFIELDS FOR NEGRO COMMUNITIES

Playfields for colored children in four thriving southern cities are included in the gift of the Harmon Foundation of New York, which is also providing funds for the purchase of playfields in fifty other communities. The four cities awarded playfields for their negro boys and girls are Mobile, Alabama, Coffeyville, Kansas, Orangeburg, South Carolina and Fort Worth, Texas. Three of the four sites selected are six acres or more in extent, and the smallest is approximately three acres in a crowded residential section.

The money required in excess of the \$2,000 gift of the foundation for the purchase of the land is raised through voluntary subscriptions or special appropriations from city funds. Provisions are made for a minimum maintenance program for the first five years, as the foundation believes that if interest is active for such a period, continued interest in the playground as a regular part of the community recreation program will develop. The recognition by the various city governments of the value of the playgrounds is evidenced by the fact that in each case proper police protection and the customary care provided city parks, has been assured.

The playfield in Orangeburg is perhaps of particular interest because its six-acre tract is within a short distance of the colored grade school, the State Agricultural and Mechanical College and Claflin University, with a combined enrollment of more than 3,000. Lily ponds, fish ponds, a wading pool and a lake, a small administration building and a grandstand are among the attractions of the playground made possible through the interest and labor of residents and students, even to the small boys who dug their own "swimmin' hole."

# THE ADVISORY COMMITTEE OF NURSES TO THE MEDICAL DIRECTOR AND THE MEDICAL COUNCIL, UNITED STATES VETERANS' BUREAU

BY MARY A. HICKEY, R.N.  
Superintendent of Nurses

THE Advisory Committee of Nurses of the Veterans' Bureau held its first meeting in Washington, D. C., February 27 and 28, 1925. Miss Clara D. Noyes was elected chairman of this committee and Miss Lucy Minnigerode, U. S. Public Health Service, secretary. The following nurses were also present:

Miss Adda Eldredge  
Miss Laura Logan  
Major Julia C. Stimson  
Miss Elizabeth G. Fox  
Miss Harriet Bailey

Following is the agenda as considered by the Advisory Committee:

## *Organization of the Advisory Committee of Nurses*

1. Status of nurses in the service.
2. Since medical activities will probably last for at least sixty years, should the nurses have a more permanent status than that afforded by the Civil Service Commission? (At present the nurses are recruited by the Bureau for this service. Very few nurses submit applications direct to the Civil Service Commission.)
3. What system of post-graduate work should be followed that we may keep step with modern nursing?
4. Is it advisable to establish in the Bureau a school of nursing?
5. Supervision of nurses in the field by nurse from Central Office. How often should supervisor visit the hospitals and regional offices, and what facts should she accumulate?
6. Is regular attendance by the Superintendent of Nurses at National, State and Local Nursing Organizations, approved as a policy?
7. Suggest a method of classifying nurses according to qualifications.
8. Suggest standard books and magazines on nursing subjects suitable for a medical library in hospitals and regional offices.
9. Suggest how we can provide the most efficient nursing care and how we can attract and hold capable nurses.
10. Discuss the working relationship between the Bureau and the Advisory Committee of Nurses.

11. Discuss the matter of specialized nursing care in tuberculosis and neuropsychiatric cases, with particular reference to follow-up.

12. Possibility of using existing nursing organizations in the various states.

13. Should the Bureau continue to develop its follow-up nursing service?

14. Discussion on our present ratio of nurses, 1 to 10. Is this number sufficient to give adequate nursing care to our beneficiaries?

15. Discussion of the standardization of the work of nurses in our regional and sub-regional offices.

There are fifty-two regional offices and in twenty-seven of these offices will be conducted a Class A Dispensary.

16. In your opinion, is it advisable to call the nurses on duty in regional offices for conference on nursing subjects? If so, how often?

## *Discussion*

1. *Status of nurses in the service.*  
The Committee endorsed the proposed legislation of the Veterans' Bureau, which included the nurses, placing them on the same basis as the nurses in the Army and Navy. Major Stimson secured the clause in the Navy Nurse Corps bill which placed the Navy on the same basis as the Army, so that this clause might appear in the minutes and be the basis for further legislative action.

The following clause from the Act of May 13, 1908, establishing the Navy Nurse Corps, is submitted as a basis for this action:

"The superintendent, chief nurses and nurses, shall respectively receive the same pay, allowances, emoluments and privileges, as are now, or may hereafter, be provided by or in pursuance of law for the Nurse Corps (female) of the Army —."

4. *Is it advisable to establish in the Bureau a school of nursing?* There was a very free discussion of this subject, and the conclusion reached was that it was inadvisable to establish such a school for reasons definitely outlined

in the report of the Committee to the Medical Council.

The Committee next considered courses of instructions for nurses in the Veterans' Bureau. It was the opinion of the Committee that these courses should be separated under two heads:

For the Administrative and Supervisory Group.

For staff hospitals and regional offices.

After some discussion it was unanimously recommended that nurses in the regional areas be called into the regional offices for conference with the Regional Medical Officer and the head nurse at regular intervals, not less often than once in two months.

Two nurses, experts in the fields of tuberculosis nursing and public health nursing, were recommended as additional members of this Committee.

A number of questions on the agenda were not considered because of insufficient time. These will be considered at the next meeting of the Committee.

The report was then prepared and presented to the Medical Council. The Advisory Committee of Nurses remained with the Medical Council during the reading of reports of Medical Committees.

The Chairman of the Council asked the Committee about the turn-over, approximately 100 per cent, among orderlies and attendants in the Veterans' Bureau Hospitals. Suggestions of better quarters and living conditions from Miss Noyes, better pay from Miss Logan, and also the assurance that these same conditions prevail in most civilian hospitals, were made by members of the Nurses Committee.

The report of the Advisory Com-

mittee was accepted as it stood on motion of Dr. H. A. Pattison, seconded by Colonel Robert U. Patterson, and the meeting adjourned to meet early in October.

The above recommendations have been presented to the Director of the Veterans' Bureau and have been approved by him, in principle.

#### *Abstract of Further Considerations of Advisory Committee*

The Committee was unanimous in believing that, included in the "minimum executive staff" required in the office of the Superintendent of Nurses should be two assistant superintendents, one of whom should have had special experience in tuberculosis and one in neuropsychiatry, and one or both in public health nursing.

This Committee recommended that the nursing service be represented at staff meetings of the Medical Service by the Superintendent of Nurses or one of her assistants, in accordance with the usual practice in civilian hospitals and in other Government services. It also approved of a policy of the attendance of the Superintendent of Nurses at national, state or local nursing organization meetings.

Certain very definite recommendations were made in regard to methods by which capable nurses may be attracted to the Service and held in the Service.

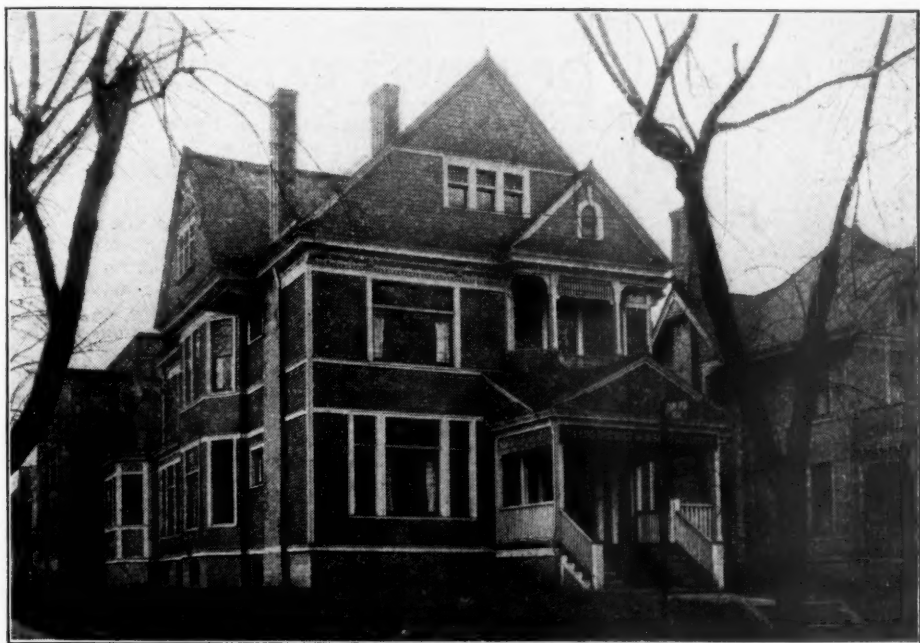
The Advisory Committee endorsed the recommendations submitted to it and to the subcommittee on social service and follow-up by its chairman, Dr. H. A. Pattison. These recommendations cover items 11, 12 and 13 on the Committee's agenda.

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The municipal council of Paris recently authorized (for the first time) the appointment of nurses for hygiene work in the public schools of the city. An appropriation for the purpose is provided in the budget for the current fiscal year.

*Child Welfare News Summary*





When the Toledo (Ohio) District Nursing Association was founded, in 1901, it occupied only one room in the Humane Society Building. Two rooms in an office building came next, but as the need grew a home was rented and a dispensary opened. In September, 1920, the Association moved to the present comfortable house which it now owns. The purchase of the building was made possible through a bequest.

Although the nurses do not live at the home they report there every morning before going to work and the general offices of the Association are in the home. It is also used for staff meetings and club meetings in connection with the work.

During the past year the headquarters were enlarged by the addition of a rest room, an attractive place for the workers who are in the building and the nurses whose districts are in the neighborhood to spend the noon hour. An enclosed kitchenette at one end gives an opportunity for the preparation of light lunches, teas, etc. The

trustees now hold their monthly meetings in the rest room.

For twenty-four years the work has grown steadily and each year it has broadened in scope. The Association maintains thirteen prenatal and pre-school clinics throughout the city in addition to its nutrition classes in the schools and seven little mother's leagues. An orthopedic clinic, in charge of a nurse especially trained in muscle training and posture work, was opened last year. In addition to the superintendent, assistant superintendent, two field supervisors and thirty-two nurses, the Association maintains a social service worker, a vocational teacher and two nutrition workers.

Although most of the funds for the maintenance of the Association are provided by the Community Chest, there are various bequests and trust funds which add to the total, among them a gift made last year to endow permanently the Mary Little Howe nurse. The Rotary Club contributes to the vocational work and the Exchange Club to the nutrition work.

The twelfth of the series depicting the homes and activities of voluntary, municipal and state public health nursing organizations.

## AN ANALYSIS OF INDUSTRIAL NURSING SERVICES IN SEVENTEEN INDUSTRIAL PLANTS

*Students in the post-graduate course in public health nursing at the University of Minnesota are primarily responsible for this report. A group of four nurses, Sara Nelson, Gertrude Koenemen, Cecile Erickson and Louise Algee, chose industrial nursing for their special subject in the class on Principles of Public Health Nursing. The actual visits made to the industries were made by these four nurses, who also collaborated on the first narrative report. The report was finally prepared by Miss Nelson, chiefly because of her special interest.*

The following analysis of the services of industrial nurses in St. Paul and Minneapolis is quite typical of the probable findings of any survey that might be made of a similar area. We hope it will pave the way for surveys of a similar character by other groups in order to give other communities an opportunity to ponder over the conclusions reached. Some of the facts brought out by this survey as we see them are:

First—That nurses employed in industry are not as closely associated as those doing other varieties of public health work. This is indicated by the fact that nurses from seventeen plants only are members of the Industrial Nurses' Club. There must, we think, be more graduate nurses actually engaged in industry in these two cities.

Second—That nurses still have much to do to prove the value of the service that can be given by the graduate nurse, rather than by someone trained simply in first aid.

Third—That nurses need special training and experience to fit them for a "finished job" in any industry and that the employer, as well as nurses wishing to enter this work, must learn to recognize the importance of this special training.

Fourth—That it is impossible to carry out any health program without the supervision of a competent and interested physician.

Fifth—That if nurses in industry wish their service to be considered public health work it is imperative that they get together, face their problems and together build up some plan which will present the work of nurses in industry as a valuable public health nursing service, and will make evident the necessity and wisdom for adequate preparation.

Industrial Nurses Clubs should be untiring in their efforts to make their memberships really representative of those employed in the medical and service departments of the industries in their vicinities.

Further research as referred to in Miss Nelson's report will be simpler and more satisfactory if these facts are borne in mind.

MARY ELDERKIN, R.N.,  
Chairman, Industrial Nursing Section, N.O.P.H.N.

**I**NDUSTRIAL nursing, or the health care and instruction of workers centering at their places of employment, has been one of the most unevenly developed of all branches of public health nursing. Though the earliest beginnings of industrial nursing date back as far as 1895, the progress has been somewhat unorganized and unstandardized as compared with other branches of public health nursing.

*Purpose and Limitation of Survey.* Because of the general lack of standardization the country over, and because of a personal interest in the work, a small group of students decided to study the existing conditions in two average mid-western cities hav-

ing populations of over one hundred thousand inhabitants: St. Paul and Minneapolis. The survey includes a study of seventeen plants. These plants comprise the list of those employing nurses who are members of the Industrial Nurses Association of St. Paul and Minneapolis, membership in which indicates graduate nurse qualification. The numerous plants and factories employing "practical nurses" who qualify largely as matrons have not been taken into consideration in this survey. The survey is purely elementary in scope and does not pretend to be a comprehensive study of the many problems involved in industrial health work; it serves rather as an introduction to further research.

**Classification.** The plants under consideration may be roughly classed in three groups. Public utilities comprise the first group and include telephone, telegraph and street-car services. Industries dealing in food products form the second group and include several meat packing plants, two large flour mills and a biscuit company. Under the third classification may be listed miscellaneous industries which include wholesale paper factories, retail paper companies dealing in advertising specialties, a mail order house, a large department store, a shoe factory, underwear and knitting mills and a large

**Method.** The information desired from the industries was organized in the form of a questionnaire. The student, after a personal interview with the manager or superintendent and the nurse, filled in such data as she was able to secure. The results compiled from these facts are shown on the graph on page 317.

**Qualification.** In this brief survey twenty-three nurses were interviewed. All of these were graduate registered nurses. In regard to further qualifications one nurse had had a special course in public health nursing; several had had social service training and some

#### A SURVEY OF INDUSTRIAL NURSING IN THE TWIN CITIES

Name of Industry..... Address.....  
 Name of Employer.....  
 Name of Nurse..... Length of service.....  
 Qualifications of Nurse: Academic.....  
 Professional (basic).....  
 Special Preparation.....

#### ANALYSIS OF SCOPE OF WORK OF THE NURSE

##### In the Plant:

To whom is the nurse directly responsible?.....  
 Does the Plant provide for physical examination of the employees?.....  
 If so, how often?.....  
 Is the work of the nurse limited to the first aid room?.....  
 Is the nurse in any way held responsible for the sanitation and hygiene of the building and grounds of the Plant?.....  
 If so, to what extent?.....  
 Is a rest room provided in the Plant?.....

#### EDUCATIONAL PROGRAM

Is the time and opportunity provided for group instruction, i.e., classes in  
 First Aid.....  
 Personal Hygiene.....  
 Lectures at the luncheon hour.....  
 Is there group organization for recreation?.....  
 If so, is the nurse responsible for the organization of such groups?.....  
 Does the nurse have any share in the conduct of the lunch room?.....

##### Out of the Plant:

Does the nurse make home visits?.....  
 If so, does she give bed-side care?.....  
 Does she refer bed-side care to a community organization?.....  
 Does she make purely instructional visits?.....  
 Is the nurse responsible for investigation for loss of time due to illness?.....  
 For social adjustment?.....  
 Does nurse refer social maladjustments to local agencies?.....  
 What type of transportation is provided?.....  
 Are the home visits mere check-ups on absentees?.....

##### General:

Is there a full-time physician employed?..... Part time?..... Advisor.....  
 Does senior nurse help select her own assistants?.....  
 What time is granted for vacation?..... With pay?.....  
 What time is granted for illness?..... With pay?.....  
 Minimum salary?..... Maximum.....  
 What form of records is kept?.....  
 Is an annual report submitted?.....  
 Is a uniform worn?.....  
 What is the total number of employees under the care of the nurse?.....  
 Name of the nurse making survey.....

steel machinery plant. In addition to these an emergency station serving the needs of several plants located in reasonable proximity to each other was studied, but because it has not proved to be a success the service is to be discontinued.

had special experience in other industries before entering the one in which they are now employed. Apparently there have been set up no minimum qualifications for the employment of the industrial nurse other than that of graduate nurse. Few of the employers

seem to realize the value of public health training. The nurses do realize it, and several have expressed the wish to take up further study for the purpose of enlarging their point of view and appreciation of the many public health problems.

*First Aid.* The first real justification for industrial nurses in the minds of many employers lay in the need and value of first aid. This fact in turn serves for the nurse an excellent entering wedge for opportunities of further education and more close association and knowledge of the needs and problems of the employees whom she serves. This service, therefore, is one which exists in all plants visited. Facilities for treatment range from a small, congested and poorly equipped room, to a very well established department having an operating room with an autoclave, an examining room, private office for the doctor and stenographer, a record department, X-ray equipment and several small wards. On the whole the quarters are small, but are accessible to the employees. Simple remedies only are available. During first aid treatment for minor injuries, advice and instruction in health habits are given. Only five plants plan definite educational health work, which consists chiefly of talks to the employees, or simple informal instruction in hygiene.

*Sanitation.* In eight plants the nurse has supervision of the sanitation of the buildings, but in most cases she merely calls the attention of the sanitary engineer to matters needing attention on the premises.

In general the nurses are responsible to the manager or superintendent; in five firms the nurses report to a physician in charge.

*Records.* In all plants some type of record is required. Eleven firms require annual reports, eight require monthly records and several require daily reports on accident statistics, dressings done and the like. The Workmen's Compensation Law necessitates an accurate account of both serious and minor injuries; this plays a part in the establishment of an efficient

record system. The following account shows briefly the appreciation and use of records in one firm. The industrial nurse in this organization has made a comparative study of the records from 1916 to 1924 in regard to the average number of days lost for each employee.

<i>Year</i>	<i>Estimated days lost for each</i>
1916	17.9
1917	20.3
1918	16
1919	15
1920	13
1921	11.2
1922	12
1923	11.2
1924	13.4

The higher rate of loss of time in 1917 is attributed to influenza. In the following years there is a gradual decrease in the number of days lost with the exception of 1924, for which year the figures have not yet been studied. Upon further analysis of causes of absence there is seen to be a decrease in respiratory disease and an increase in gastro-intestinal disturbances. Prompt medical care, early diagnosis, education and improved working conditions are doubtless contributing factors in the former decrease. The health workers believe that they are beginning to be able to analyze the contributing factors in the latter increase. First of all, improved and prompt use of diagnostic facilities have detected gastro-intestinal disturbances more accurately; secondly, the men—preferring a “one piece run”—often go too long without adequate food or rest period and soon fall into irregular habits of daily hygienic living. With these possible clues the health personnel will be able to act intelligently in directing its efforts and attention to the correction of this condition.

*Rest Room and Recreation.* Rest rooms are provided in thirteen of the plants visited, six of which are exceptionally good, some having piano, library and silence rooms with cots for women and girls. These are usually supervised by the nurse. Many industries have organizations for recreation, both athletic and social. In both St.

Paul and Minneapolis this is being done, but though the nurse enters into the activities only in rare instances is she actually responsible for the formation of such groups. The average number of employees in each plant is approximately 1,300. Where the number exceeds 2,000, 3,000 or 4,000, as it does in a few firms, it is evident that nursing matters consume all of the time of the nurses employed and recreation is largely managed by the employees themselves.

**Physical Examination.** Eight plants provide for the physical examination of employees on entrance. These are carefully given and repeated when necessary. One very excellent system was noted where the applicants are graded on a scale of A, B, C and D, according to their physical condition. The type of work they are permitted to do depends on the grading of their examination. All plants are vaccinating the workmen free of charge. The need of adequate and careful examination in places where food products are handled is one of special importance.

**Duties Outside the Plant.** These consist of home visits for the purpose of following up illness and giving instruction. Bedside nursing care is given only in emergency; where continued care is needed the patient is referred to the Visiting Nurse Association. Loss of time due to illness is the employers' first consideration and in 12 of the firms studied the nurse makes home visits; three firms limit these visits to checking absentees.

Four firms employ their own social service workers to whom the industrial nurse refers the social problems which arise in those particular plants. In the other plants the nurse refers her more serious social problems to the local agencies. Transportation is provided for those nurses making home calls and doing community work.

**Medical Direction.** Regarding the provision made by the plants for medical direction the survey shows the following results:

Three firms have full-time physicians.

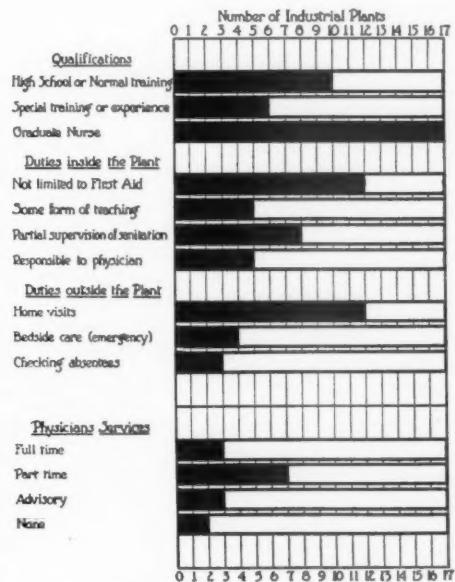
Seven have part-time doctors who devote an average of 1½ hours to 4 hours daily at the plant.

Three have advisory physicians.

Two employ the physician of the insurance companies with which they are associated.

Two give insufficient information.

**Vacations** granted to the nurse are usually two weeks in length with pay. In one firm, one week is given. Varying periods of illness with pay are provided for in seven industries, ranging from a three day limitation to an "indefinite" period.



Graph prepared by Medical Art Shop  
of University of Minnesota

**Salaries.** The average salary is \$133.00 a month; the minimum is \$100.00 and the maximum is \$150.00. This makes a weekly range of from \$25.00 to \$37.00. This fact does not give great material inducement for nurses who have already spent three years in the hospital to spend yet nine additional months in a special course of instruction preparatory to the special field.

**Conclusion.** We are not aware of a similar survey having been made in this vicinity before and therefore find it



difficult to measure the actual progress which may have been made. Health standards have been raised and records show that time lost through illness has been decreased. The coöperation and work of the nurses has been excellent in so far as their programs have permitted them to go.

We would venture to emphasize the following as outstanding needs in the development of any industrial health program:

A fuller appreciation on the part of the

employer as to the health needs of his employees.

Established standards of qualifications for physicians engaged in industrial health service.

Established standards of qualifications for nurses engaging in industrial nursing.

With the fulfillment of these essential needs should come:

Adequate financial support of the work which will permit a comprehensive program and increased salaries.

The selection of nurses who have the equipment and vision to carry on this greater undertaking.

EDITOR'S NOTE: It is of interest to learn that a special meeting of the Industrial Nurses' Association of the Twin Cities, now a section of the state organization for public health nursing, was called to consider and pass on this study. The study was endorsed by the Association, which has reorganized, and is to be used as a basis for beginning a definite constructive program. We hope to hear, critically or otherwise, from other industrial nurses' clubs on this survey.

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The United States Public Health Service has this year prepared again a list of Public Health Courses for 1925. One list is of those universities offering courses of general interest to physicians and sanitarians. The other gives a list of no less than 87 universities and colleges offering courses of special interest to public health nurses. The list may be obtained from the office of the Surgeon General, U. S. Public Health Service, Washington.

The summer course in public health nursing to be held at Stanford University, Palo Alto, California, will begin June 23 instead of July 23, as it was erroneously scheduled on page 183 of the April issue.

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#### A FEATHER OF PEACE

By JAMES RORTY

It rained last night; the trees that groaned  
Were at confession, for when morning smiled  
A feather of peace  
Clung to the brow of my mountain.  
Envyng, "What shall I do to be saved?" I cried  
"If I should cast  
Myself into the brook;  
If I should love  
Beyond my seeing, drive my soul  
Past death and fearing, and accept  
The failure of my broken hands as meed, ah then I think  
The rain would fall into my heart, and I should wear  
A feather of peace within my hair."

## AMONG THE PUEBLO INDIANS OF NEW MEXICO\*

BY HILDA M. GEORGE, R.N.

Espanola, New Mexico

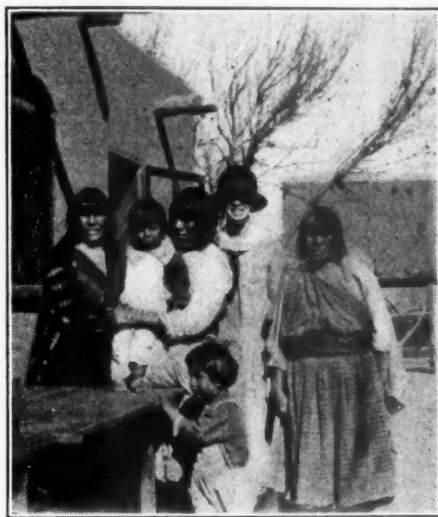
*Miss George was the first nurse appointed under the auspices of the New Mexico Association on Indian Affairs and the Boston and New York Branches of the Eastern Association.*

ESPANOLA is a small trading center on the Rio Grande thirty miles north of Santa Fé. In this town of about two hundred people, chiefly employed by the three or four large stores, lives the physician employed by the Indian Bureau to look after the health of the pueblos of San Ildefonso, Santa Clara, Nambe and San Juan. The physician, a man of ability and experience, makes regular weekly trips to the pueblos, visiting the sick in their homes, teaching care and prevention where opportunity presents itself, supervising matters of sanitation and examining the children of the day schools at regular periods. This particular doctor has served for two years and knows the thousand residents of his district pretty well.

In June, 1924, some friends of the Indians, the New Mexico Association on Indian Affairs, aided by the Boston and New York branches of the Eastern Association on Indian Affairs, were authorized by Washington to place a nurse in three of these so-called northern pueblos to work in coöperation with the Indian Bureau, the Indian Service physician and the school teachers for a better understanding of the care of the sick and the prevention of disease among the Indians. Formal permission was obtained from the governor of each pueblo for the nurse appointed to give her service to those who wanted it, the feeling being that only where such help is wanted will it bear fruit.

In order to be centrally located and to enable the nurse to keep in close touch with the doctor, Espanola was

chosen as her headquarters. There, on the outskirts of the town, on a sandy mesa commanding a beautiful view of the Sangre de Christo Range in the east, stands the "what-not"—the nurse's cozy one room and sleeping porch shack—her home and her office. From there she goes at regular intervals from pueblo to pueblo. An Olds-



*"My friends and one-time patients in San Ildefonso"*

mobile, five passenger, transports her over roads under construction, through desert sands, along deep, dry arroyos, or (with luck) through mud holes of nice sticky adobe or even rushing streams. Santa Clara lies two rough miles south on the western banks of the Rio Grande. It is a cluster of one and two story adobe houses and stick fence corrals, surrounding a plaza wherein stands the "kiva," the win-

\* Still another in the series "Our Adventurers."

dowless council chamber peculiar to the tribe of Pueblos. (The Pueblos are farmers and pottery makers and are sedentary, as distinguished from the nomadic Apache and Navajo tribes of the Southwest.) Nearly four hundred Indians live there, descendants, it is claimed, of those interesting people who lived in cave dwellings far up on the higher mesas and in the canyons at the foot of the Jemez Range.

San Juan is now approached by a new highway running north on the east bank of the Rio Grande. The five miles are quickly covered and there lies this largest of the northern pueblos, serene and picturesque, on a wide table

They are soft of voice, gentle of manner, quick to smile, friendly, rather progressive in some ways of living (you see cook stoves and sewing machines in their homes) and yet seemingly proud and fond of their beautiful old dances and other customs. In this pueblo a great deal of the work (the mowing and threshing, for example) is done in common by all the men, the women baking and cooking together on such occasions. But the old time community house has been abandoned for small separate houses around two large plazas. The finest pottery makers among the Pueblos and some real artists (with paint and brush) live here



*Husking the many-colored corn at Santa Clara Pueblo*

land of desert, its two church spires rather quaintly outlined against the deep blue Jemez Range. Due to long continued efforts of the government, the corrals and pig pens of this pueblo lie round about it at a fairly safe distance, so that the two plazas and three streets are residence sections only. About 600 Indians live here and go out to the river banks to work their land and fruit orchards. In summer they even move out to their "ranches" scattered about the wide river valley.

San Ildefonso is the smallest pueblo, farther removed from the highway, and a twenty mile trip to go and come. Its 97 inhabitants remain very Indian.

and make it a pueblo much cherished by Indian lovers.

The children from the first to the fifth grade, inclusive, are taught in day schools located just outside the pueblos. The teachers employed at present take great interest in the children and have proved most coöperative in any health measures undertaken.

#### *Physical Needs and Attempts to Meet Them*

The most crying physical need among the pueblos is the trachoma problem. It was quite evident from the first that the pitiful eye conditions would make the best point of attack,

all the more because efforts of the Federal Government with the Indians within the past few years have splendidly paved the way for this work, many "old timers" among the Indians coming for treatment who would not dream of asking for white man's medicine for any other ailment. Indeed many old Indians whose eyes are beyond all help ask for treatment. It is in such cases that the nurse turns to other members of the family, predicting the same plight for them if they do not have their eyes examined and treated in the early stages. This method is often effective.

Sixty-four per cent of the school children are infected. The physician here estimates the same percentage throughout the entire population. Since the old people are delegated to care for the infants, cases among the latter are shockingly common. They are also distressingly hard to treat, the best that can be done in most cases being palliative only.

Regular blue stone treatment three times a week has been practically impossible among the men of working age. Work in the fields and woods is imperative at certain seasons of the year among the pueblos and even those who can be at home when the nurse calls fail to realize how important it is to continue treatment over long periods of time, if necessary. The mothers of families beg off also on baking day, or when there is sewing or plastering to be done. The schools are the only places where effective methods of treatment can be carried out, but the children go home often only to be re-infected from their elders. Much time is spent begging patients to be treated or to treat themselves regularly.

Nursing and health teaching along other lines have been very slow. The Indian, like almost everyone else, likes to be treated as *he* thinks is best, and liniments and plasters have been given out chiefly to open a way of entering new homes, getting acquainted and giving a chance to the family to look the nurse over. Often, in other illnesses, as in eye work, it is the hope-

lessness of a case that will prompt an Indian to appeal to the doctor or nurse. An effort has then been made to demonstrate a treatment, to be a preceptor of cleanliness (the first step to better hygiene) to educate them to the fact that early treatment may prevent loss of life or sight.

When a suspected case of typhoid fever came to the doctor's notice, the doctor, the Indian Bureau and the nurse tried to awaken some social consciousness, some social responsibility that would force the patient to sub-



*San Ildefonso's prize baby, at the Indian baby show held each year at the Santa Fe fiesta*

mit to a blood test. But to no avail, except that as a result of much talk forty-eight people in Santa Clara finally asked for vaccination against typhoid fever.

But there are so many of the older Indians who know nothing about the origin or spread of disease and who still cling to some very unscientific way of treating disease, to some unhygienic customs, such as bathing the baby only once a week or giving it water to drink out of their own mouths, that the day

for concerted action against disease in the pueblos seems far off.

#### *Looking After the Babies*

The hot weather brings intestinal disturbances to the babies, and in about three-fourths of the cases that came under the nurse's care last summer, the call came first from the parents. Even then treatments were apt to be carried out once or twice only unless daily supervision and constant talking produced results. In at least two cases children who were at one time considered hopelessly ill did recover. No one will laugh at this statement who knows how almost invariably even the most progressive Indians will fall back on their own medicines when a case the doctor has been caring for appears to them hopeless. The doctor, in all his experience, can only count two other cases in which his instructions were followed throughout desperate illness to recovery.

Infant feeding after the first six months is a terrible problem for, like many unwise white mothers, the Indian women feed their children (along with breast milk) almost any kind of food—meat, chili, beans and coffee, also green apples and watermelons, including the rind. There are bad cases of rickets and the infant mortality among children from one to three years old is very high. Only the strongest reach school age. Although the Indians have fruits and know how to preserve them, they do not raise green vegetables. Fresh cows' milk is also lacking. Even if there were a good safe supply, the danger of keeping it in the homes as they are now would be a grave consideration. Only education, and much more of it, will make a safe milk supply possible.

#### *Among the School Children*

In the schools the nurse has done such work as assisting the physician with examinations when necessary, treating eyes and making home visits. Underweight children are scarce among these Indians. These few are being treated much as underweight children are in white communities, but results are more slowly obtained because it is all so new to the Indians. There are no means for correcting bad teeth except when a dentist is sent to the schools and then treatment is compulsory. Tooth brush drills occur daily and the bad teeth found seem chiefly due to faulty diet. Tonsils and adenoids do not come out because the parents refuse to send their children to Santa Fé for the operation. Pediculosis is nearly universal in two schools and has as yet defied all efforts to eradicate it. Home conditions are to blame. Even the very cleanest families are troubled with bed bugs. These insects live in adobe and once there are there to stay.

But the Indians themselves have several customs that make for health. For instance, they replaster and white-wash the walls of their rooms at least once a year. They put all bedding out of doors in the bright sunshine after a death has occurred. And, gleaned from the observation of white people who have lived long among the Indians, are some encouraging signs. There are full sized windows with sashes that can be opened instead of the small one pane openings of ten years ago. There are screen doors and windows, although they are not always well fitting. Some families eat off tables instead of dirt floors. So perhaps in another ten years there may be other improvements along health lines that we may be able to point to.

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A special school for visiting nurses was recently opened in Siam in connection with the child-welfare center of the Siamese Red Cross. The main objects of the visiting nursing will be child-welfare work and prevention of contagious diseases.

*Child Welfare News Summary*



## MORE ABOUT THE HELSINGFORS PROGRAM

In the March issue of *THE PUBLIC HEALTH NURSE* we printed the preliminary program for the Congress at Helsingfors, July 20-25. We have selected some of the interesting persons, papers and round table discussions from the tentative program:

Round table, "Position of the Matron or Superintendent of Nurses," chairman, G. A. Hodgson, president of the Trained Nurses Association of India.

"Adaptation of the Basic Nursing Curriculum to Local Needs." Alice Reeves, president of the National Council of Trained Nurses of the Irish Free State, will take part in this discussion.

"The Relationship of the School of Nursing to the Hospital." Alice de Ibranyi, General Matron of the Nursing Service of the Hungarian Red Cross, will join in this discussion.

Lecture and demonstration (with lantern slides) on Sir Frederick Truby King's "Methods of Child Welfare Work."

Round table, "Newer Developments in Child Welfare Work," chairman, Venny Snellman, Director, Nursing Service of the General Mannerheim's Children's Welfare Association, Helsingfors.

General session: Public Health Nursing, chairman, Jean Browne, president of the Canadian Nurses Association. "The New Emphasis in Public Health Nursing," Mary S. Gardner; discussion: a French nurse and Olympia Torres, secretary of the Association of Registered Nurses of Porto Rico. "The Preparation of the Public Health Nurse," Evelyn Walker; discussion: Mrs. Maynard Carter, Director of International Nursing Course, Bedford College, London; Mary Nelson, Superintendent of Nurses, American Hospital, Constantinople, Turkey; a Swedish nurse. "Types of Organization in Public Health Nursing," Elizabeth G. Fox; discussion: Elizabeth L. Smellie, Chief Superintendent, Victorian Order of Nurses for Canada; Venny Snellman.

Among the topics to be discussed at the general session on "Special Fields of Nursing" are: "Should Nurses Be Encouraged to Take Midwifery Training?" an English nurse; discussion: Mary Breckenridge, Kentucky. "What Progress Are We Making in Mental Nursing and Mental Hygiene?" Effie J. Taylor, Associate Professor of Nursing, Yale University; discussion: Karin Neuman-Rahn, Director of Preliminary Course of School Nursing; Maria Sjukhus, Helsingfors; Signe Hommerberg, Superintendent of Nurses, Sankt Lars Sjukhus, Lund, Sweden. "Newer Developments in Tuberculosis Nursing," Mlle. Chaptal, president, French Nurses Association; discussion: Alta E. Dines; a Swedish nurse.

At an open meeting, the speakers will include General Mannerheim, representing the Finnish Red Cross, and Annie W. Goodrich, professor and dean, Yale University School of Nursing, representing the International Council of Nurses, whose subject will be "Some International Aspects of Nursing Education."

Round tables: "Organization of the Nursing Service of the Red Cross," chairman, Clara D. Noyes; "How to Start Public Health Nursing in a New Country," chairman, Cecile Mechelynok, Chief Director, Visiting Nurse Association of Belgium; "Nursing Economics," chairman, M. Verwey Mejan, President, the Dutch Nurses Association; "Nursing Under Government Auspices," chairman, Iku Todviski, representative of the Nursing Service of the Japanese Red Cross.

At the general session on "Nursing Legislation," Hester MacLean, editor of *Kai Tiaki*, former director of the Division of Nursing in the Department of Health, New Zealand, will talk on "The Problem of Reciprocity."

Round tables: "How to Interest Young Women in Nursing," chairman, Katherine Olmsted; "Professional Ethics," Charlotte Munck, Superintendent of Nurses, Bispebjerg Hospital, Copenhagen, Denmark; "The Nurse in Social Service," chairman, Meta Kehrler, Social Worker, Amsterdam, Holland; "School Nursing and Health Education in Schools," chairman, Helen L. Pearse, Superintendent of School Nurses under the London County Council, England.

At the general session on "Nursing Associations and Publications," Margaret Breay, assistant editor, *The British Journal of Nursing*, will consider "The Aims of a Professional Journal"; discussion: Ada M. Carr, editor of *THE PUBLIC HEALTH NURSE*; H. M. Thacker, editor of *The Nursing Journal of India*, Bombay; Margrethe Koch, editor of the *Tidsskrift for Sygepleje*, Copenhagen, Denmark. Mary Roberts, editor of *The American Journal of Nursing*, will explain "How to Make a Journal Useful and Attractive."

There will be an exhibit of nursing magazines, national and local.

## FURTHER POINTS OF INTEREST IN EUROPE

*Thos. Cook & Son advises that all the nurses going to Helsingfors should reach New York at least one day in advance of sailing as there may be some final instructions.*

*Up to date ninety-six have booked on the S.S. Caronia, sailing on July 8th, and seven on the S.S. Drottningholm, sailing on July 9th.*

*A good many nurses are sailing in June, and the probable attendance of American nurses at the Congress will be approximately 150.*

### Norway

Interesting places in Oslo and other Norwegian cities may be visited under the leadership of Norwegian nurses by applying to Sister Bergliot Larrson, president of the Norwegian Nurses Association, 12 Universitetsgaten, Oslo. Oslo has the largest hospital in Scandinavia, the "Ullevaal Sykehus," the Grefsen Sanitorium and the open air school, "Brussetkollen."

### Sweden

In its beautiful capital, Stockholm, are the Sophiahemmet (the St. Thomas Hospital of Sweden), the Sabattsbergs Sjukhus, and the Maria Sjukhus. The Swedish Nurses Association, Barnhusgaten 6, Stockholm, will be glad to assist foreign nurses.

### Denmark

Among Copenhagen's beautiful hospitals are the Bispebjerg Hospital, and the Rigshospital, which is connected with the Universitsty of Copenhagen and has a School of Nursing as well as a School for Midwives.

Denmark's tuberculosis sanatoria have beds for 107 per 100,000 of the population. The Vejlefjord Sanatorium in Jutland, and the Julemaerkesanatoriet at Kolding built from Christmas seal money, are well worth seeing. The headquarters of the Danish Council of Nurses is at Frederiksborggade 29, Copenhagen. The Council hopes to be of assistance to visiting nurses.

### Great Britain

In addition to the haunts of Florence Nightingale, described on page 260 of our May issue, there are the fascinating old hospitals, St. Bartholo-

mew's, Guy's, University College, and London Hospital. Sir Frederick Truby King's London Hospital has just moved to the historical quarters, Cromwell House, Highgate, London.

The following organizations will be glad to give further information and to render aid to foreign nurses: The National Council of Trained Nurses of Great Britain, 431 Oxford St., London, W.; the Royal British Nurses Association, 194 Queen's Gate, London, S. W. 7; the College of Nursing, Ltd., 7 Henrietta St., Cavendish Square, London, W. 1.

### Holland

The largest mental hospital of Holland, Het Provinciaal Ziekenhuis, Santpoort, is situated in the dunes not far from Amsterdam. It has an interesting department for occupational therapy. In the Hague are the Gemeente Ziekenhuis as well as the Sea Hospitium at Katwyk, a special kind of open air school.

Those interested in obstetrics should visit the schools for midwives (Vroedrouwen Schools) in Amsterdam and Rotterdam.

The headquarters of the Dutch Nurses Association (Nosokomos) is at P. C. Hoofstraat 97, Amsterdam.

### Belgium

In Brussels is the Edith Cavell-Marie Depage Training School for Nurses, and the Association des Infirmieres Visiteuses de Belgique (special school for public health nurses). The cell in the Prison de Saint Gelles, occupied by Edith Cavell, and Le Tir National where she was shot may also be seen.

Hospitals in Atnwerp, Ghent and Bruges, L'Oeuvre des Meres et des Tout Petits in Liege, and the Public Health Demonstration Center of the League of Red Cross Societies in Jumet are well worth seeing.

The Federation Nationale des Infirmieres Belges has its headquarters at Rue de Joncker 47, Brussels.

#### *France*

A very good advisor for professional sightseeing in Paris is Mlle. de Joannis, Secretary of the French Nurses Association, 10 Rue Amyot. Mlle. de Joannis is head of the School of Nursing of Rue Amyot. The headquarters of the League of Red Cross Societies is at 2 Avenue Velasquez, Paris 8. Maternity and child welfare work can be seen at L'Ecole de Puericulture, 64 Rue Desnouettes.

The social work done by the Society of Friends can be inspected at the Maison Maternelle de la Marne, 47 Avenue de Strassbourg, Chalons-sur-Marne. L'Association d'Hygiene Social de l'Aisne, Soissons, Aisne, is doing excellent public health work, and so is the Department de la Seine-Inferieure, 14 Rue Crevier, Rouen.

The Florence Nightingale School for Nurses is at 21 Rue Cassignole, Bordeaux.

#### *Austria*

Vienna has several large hospitals of interest. Professor von Pirquet's Kinderklinik needs no recommendation.

Miss Marianne Danko, who lives at the Rudolfinerhaus, Vienna, will be glad to be of service to those especially interested in observing public health nursing in Austria.

#### *Switzerland*

Schwester Emmy Oser, Feldegg Strasse 66, Zurich 8, will be glad to meet and be of assistance to foreign nurses.

#### *Poland*

Miss Helen L. Bridge, Director, School of Nursing, Ul Smolna No. 6, Warsaw, will be pleased to be of service to foreign nurses.

#### *Czechoslovakia*

Nurses visiting Poland should consult Miss Sylvia Machar, Directrice de l'Ecole d'Infirmieres de l'Etat a Prague, Jecne ul 4, Prague 2, as to points of interest.

#### DELIVERY SERVICE—RICHMOND, VIRGINIA

After a very careful survey, recommendation of the medical advisory committee and the endorsement of the majority of Richmond's physicians, a delivery service was installed by the Instructive Visiting Nurse Association of Richmond on October 1, 1924.

Two nurses were added to the staff on September first to make it possible to give this service. On October first the two nurses were assigned to regular work in the districts where they were most needed and three of the regular staff nurses were detailed to answer delivery calls. During the day the regular district nurse answers the delivery calls in her respective district. For night calls the three delivery nurses are assigned as first call nurse, second call nurse and third call nurse. Each nurse has her part in the delivery service, taking the night work by turn. Increases were made in the nurses' salaries as follows: \$10.00 per month for the first call nurse and \$5.00 per month each for the second and third call nurses.

Miss Jewel Brown, the staff supervisor, took charge of the "first calls" during the first month to "start off" the service. No serious inconvenience has been experienced in handling the calls for delivery, and we believe that we will be able to handle it with our present staff for some months to come. The community has responded splendidly to this new and valuable service and we are having registrations daily.

Forty-five deliveries were attended during the first three months and fifteen were attended during the month of January, making an average of fifteen per month. The number now on the register for future delivery is twenty-one.

## POLICIES AND PROBLEMS OF PUBLIC HEALTH NURSING SERVICES

*We hope that all who are interested in any of the discussions will contribute without waiting to be asked.*

*We published in April a number of Questions and Answers drafted by the committee appointed to consider questions brought up by attempts to put into operation the recommendations of the Report of the Committee to Study Visiting Nursing. Here are further questions which have been considered:*

### Question:

Should salary and incidental expenses of people who raise money for an Association be included in the cost per visit?

### Answer:

The services of the people and incidental expenses should be deducted from gross receipts and not included in expenses for visiting nursing work.

The Committee was asked to give an expression of opinion on the following:

### Question:

The Association is considering the advisability of taking out liability and sickness insurance for staff nurses.

If this plan is adopted will insurance premiums be charged to cost per visit?

### Answer:

Yes. The Committee agreed that insurance premiums should be charged to cost per visit.

### Question:

Should salaries of pupil nurses taking Practical Nurses' Course be included in cost per visit?

### Answer:

The amount of salaries which is paid these nurses by the Association should be included in the cost per visit, if the practical nurse students acting as assistants to the nurses do some of the visiting nurse work.

In the April number of *THE PUBLIC HEALTH NURSE*, I note that one of your correspondents in commenting on the discussion of "Value and Functions of a Nurse Committee," speaks of the problem of getting the committee to meet. This is a very definite problem but not so difficult but that it can be solved by any nurse who gives the matter special attention. Each of our township committees meets regularly and for the past year we have found no difficulty in getting good meetings. It is fatal to let a committee be organized and amount to only names on paper. Realizing this, we are devoting a definite share of our time for the entire period in between meetings to working up a good attendance and interest on the part of the members.

During the week immediately preceding the time of the meeting, which, by the way, should occur on a set day of the month, for which no deviation is allowed, except for some extraordinary reason—our nurses make it their business to call upon as many of the individual members of the committee as they possibly can, urging upon them the importance of attending the meeting. In addition to this, the nurses give very careful preparation to the business to be taken up at the meeting, and the reports to be given. The meetings must be interesting and also the individual members must feel a responsibility in them. This latter can best be brought about through the subcommittee work and reports.

*Jane C. Allen, Dutchess County, N. Y., Health Association.*

### TRANSPORTATION

*Transportation in St. Louis and this interesting account of a motor service in a small community completes—for the present—the discussion on Transportation which has appeared in the December, February and May issues.*

#### The Motor Corps Service of Geneva, New York

Geneva, N. Y., is a city of about 17,000 people and is nine miles square. One car line wanders through the city, serving its needs very inadequately. Two car lines making connections with other cities offer little help. Most of the streets are paved.

## POLICIES AND PROBLEMS OF PUBLIC HEALTH NURSING 327

The motor corps service was organized June, 1923, by a member of the Social Service League. It was made up originally of twenty-five members. The number has now grown to fifty-five. The car supplied by the corps was used only by the social worker during the first year and a half. During this period requests for a car averaged six to eight per month.

In October, 1924, the first visiting nurse appointed in Geneva became a part of the organization of the Social Service League. The motor corps service is now used both by the social worker and the visiting nurse. During the first months of this service a car was used on an average of six to eight times per month. During the last three months requests for a car have averaged twenty per month. The average length of service is two hours. The volunteer list was originally made up by the director of the motor corps from personal friends and those interested in the Social Service League. Since then many new members have been added, some through the solicitation of friends interested in the work, some from various automobile dealers who have given names of individuals owning cars and some taken from the telephone book. The director of the motor corps called all these people together, explained the work to them and asked for their coöperation in the use of their cars.

The motor corps is organized with a director and an assistant. The request for a car is telephoned to the director the evening before the car is wanted and the director then becomes responsible for securing a car for the hours desired. When the director is not available her assistant becomes responsible for this service. The director calls individuals on the list until she finds someone who is able to give her the required service. Everyone is always free to refuse service at any given time. In this particular point we feel lies a great part of our success. No one ever needs to apologize for not being able to serve at a certain time. If the busy workers had to call individuals until they found a car they would do without one many times. The value of a large list is also apparent. The service is uniformly satisfactory. In the past seven months we have had only one car late (fifteen minutes) and one broken appointment.

Many people interested in the work of the social worker and visiting nurse insist that a car is needed for their work. The volunteer service, however, has many points to recommend it, among them the excellent opportunity it gives of interesting many people in the work of the Social Service League and the visiting nurse and furnishing the correct interpretation of the work by the workers themselves. It also offers to the community an excellent opportunity for service and coöperation, while multiplying the hours of the workers' time available for actual work which would otherwise be used in travel.

*Visiting Nurse Service, Social Service League, Geneva, N. Y.*

EDITOR'S NOTE: *After receiving the above account, we ventured to ask the Director of the Motor Corps Service if any special difficulties had been encountered, and have received the following statement from her:*

I can think of only one difficulty—and that should not be dignified with the name—I mean the necessity of finding an available car on short notice. The Social Service League calls for a car usually some time during the afternoon for the following day. These calls are necessarily unexpected and spasmodic. With a list of fifty to sixty cars it is frequently a matter of one-half to three-quarters of an hour steady telephoning before one is found available for the desired time. The reasons are: previous engagements, repairs, etc., telephone in use or not answered and the restriction of days or hours when individuals have requested that they be not asked for service. There is never any unwillingness to serve when it is possible to manage it.

The volunteer motor corps is finishing its second year of service and neither the director nor any member serving on the corps have expressed anything but satisfaction with the service that they have been interested in rendering. One point we feel is of value is that the director and the assistant director represent two entirely different age groups and are thus able to reach a much wider group of people. Another point that the director feels is of value is that the request for car service is always very exact, that is,



we ask for a car from ten to twelve and the social worker and the nurse always try to be very careful that the car is dismissed at the time specified. Both the director and the workers feel that they must be as prompt in their dismissal as they ask volunteers to be in their arrival.

*Frances Parmenter, Director Motor Corps Service.*

#### TRANSPORTATION IN ST. LOUIS

The Visiting Nurse Association of St. Louis has found transportation a problem, as the city has grown very rapidly and has incorporated within its limits large areas where new housing developments are going on and where many people live with none, or little, of any kind of transportation.

The Association also serves the large rural county of St. Louis. Most of the county has no transportation. Street cars, of course, are used wherever possible within the city limits and in the county. Recently many bus lines have been started which help considerably in relation to some outlying parts of the city. These two methods of transportation naturally take care of our largest group. The Association, however, owns six automobiles, four of which are used by the county nurses, as that is the only method of transportation which would make it possible for us to carry on the work in the county.

Two of the Association cars are used in the city. These two cars were not, however, found adequate to care for the service in the outlying parts of the city. The Association has made an arrangement with certain nurses, who own their own cars, to use them for a full day's service each day in the district assigned to them in the city. At present four nurses are using their cars under this arrangement, the Association paying \$25 per month for the use of each car. Whether this is adequate reimbursement we do not now know. We are now keeping a separate account of each car and its cost to the Association, and at the end of this year will be able to gauge the cost of this plan.

Transportation cost to the Visiting Nurse Association of St. Louis is enormous, due to two factors—service in the county of St. Louis and service in large geographical areas with no transportation facilities within the city limits. Prior to the organization of the Community Fund in the city of St. Louis, the Association was only able to visit cases not farther than six blocks from a car line. Since the Community Fund has included all the city in their geographical area—which makes automobile transportation absolutely necessary—we are permitted to give service anywhere within the boundary of St. Louis and St. Louis county, and we must meet that demand in the only possible way, by quite extensive automobile facilities.

Car fares in St. Louis are seven cents and bus fares ten cents, with transfer privileges. These items bring up the cost of transportation service enormously.

We have no definite opinion, based on visits, to offer in relation to additional service of nurses, or calls made, because of automobiles. However, we are pleased to note that our county nurses make the same average number of calls per day with their machines as do the city nurses without. The cost of service is much higher, naturally, in the county than in the city. In the county it is probably in the neighborhood of \$1.45 a call, while our cost in the city is 81 cents plus.

*Visiting Nurse Association of Saint Louis.*

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*In the July number we will publish a new list of questions for discussion and hope to begin discussion on the problems of group insurance for nurses.*

## REVIEWS AND BOOK NOTES

### AN INTRODUCTION TO MODERN SOCIAL PROBLEMS

By Philip Archibald Parsons, Ph.D.,  
Director of the Portland School of  
Social Work of the University of Oregon

New York, Alfred A. Knopf, 1924. \$2.50.

What is the matter with our civilization? How critical is the situation? What can we do about it? These are the questions confronting us in Dr. Parsons' new book.

With the precise art of a real analyst Dr. Parsons compels his readers to face a review of the forces at work which threaten the very existence of the present civilization. In this book we find a re-statement and a comprehensive presentation of facts which aim to set forth clearly the real nature of the problem, the causative factors and a suggestive procedure toward a solution. Dr. Parsons analyzes the situation from an historic point of view and yet ventures to say that there is little prospect that there will ever be another civilization. He shows that the foundations of civilization are comprised of three basic elements, a strong body, a wholesome system of morals and a vigorous religious belief, and he further states that anything which strikes at the base of this foundation threatens the entire structure. Disintegration has already begun, he points out, through the ruthless wastage of physical health and vigor, through the widespread tendency, following the rise of Capitalism, to substitute Materialism and Individualism for higher moral values and ideals and through the failure of organized religion to keep pace with the changing scheme of industrial, social and scientific thought. As a result there are multitudes of people spiritually hungry and with no clearly defined purpose or philosophy of life. The solution, according to the author, lies in a unified program and in the socialization of the leaders in the fields

of Industry, Politics and Religion. Having early established health as a fundamental need to human welfare the author gives little further consideration to this aspect of the problem beyond the statement that certain conditions are already beginning to yield to the efforts of medical science. In so comprehensive a survey of social ills we rather look for a broader consideration of the problem of health and the science of maintaining it than has been given.

This book is distinctly a text-book and is enriched by a detailed table of contents, complete chapter bibliographies and frequent summaries. Dr. Parsons, a minister, teacher and leader for many years in the study and discussion of social problems, makes a real contribution not only to students in the field of sociology but to all students who are studying the science and art of happy human relationships.

EULA B. BUTZERIN

### SIDELIGHTS FROM THE NEW PSYCHOLOGY

By Evelyn Saywell, L.R.C.P., L.R.C.S.  
Edinburgh

London, The Scientific Press, Ltd., 1924. 75c.

"Sidelights from the New Psychology" is a small book of less than one hundred pages. The new psychology is explained briefly and clearly. The reader must, however, already have some knowledge of terms and theories if she expects thoroughly to understand the brief exposition of the different types of psycho-therapy.

In this day and age when magazines and professional books are filled with studies of the psychology of the growing child and of the adult, the nurse can hardly be without some smatterings on the subject. "Sidelights" summarizes these smatterings into a very

comprehensive and clear statement. The statement, however, is very brief and for any minute understanding one must read the books indicated in the bibliography at the end.

The bibliography is unfortunately very short, and omits the names of the publishers. It also omits many of the illuminating pamphlets and books that have been issued lately: "Child Management," by Dr. D. A. Thom, published by the Children's Bureau, Washington, D. C.; "The Child: His Nature and His Needs," published by the Children's Foundation, Valparaiso, Indiana; "The Psychology of the Preschool Child," by Dr. Bird T. Baldwin, published by D. Appleton & Co., New York; and many outstanding works on practical psychology.

The nurse who is not naturally a student and who wishes in a short space of time to review a clear and readable synopsis of psychology, especially in relation to the patient and the nursing of children, will be able to do this in Miss Saywell's book.

HELEN F. BOYD

*County Organization for Child Care and Protection* (Bureau Publication No. 107) is a recent Children's Bureau pamphlet which gives the "most important recent administrative advances in the local care of dependent, defective and delinquent children." The introduction provides a general picture of "unifying county work for child care and protection." An evaluation of the work accomplished in Minnesota, North Carolina, California, New Jersey and New York, with their plans for future development, complete this valuable pamphlet.

In the chapter devoted to Minnesota it is stated:

"In five counties the executive's full time is devoted to the welfare board. In other counties the county nurse has rendered special service from time to time; but this arrangement raises several questions of policy: For instance, whether the extent of social training possessed by the nurse is sufficient for these other duties, and to what lengths she can devote herself to them

without jeopardizing the success of her nursing work; in its favor is the argument of economy in expense and the elimination of duplication of traveling expenses and visitation of families. On the whole the effort should be made to divorce the two types of effort, because of the large amount of work to be done and the dissimilarity in the training required.

Government Printing Office, Washington, D. C.; price 20 cents.

The National Clean Up and Paint Up Campaign Bureau has issued a lively booklet which suggests innumerable ways of interesting public opinion in cleanliness and order. It is prepared to furnish free mats of features, cartoons and advertisements to those interested. These may be had by writing to the Bureau at 3713 Washington Ave., St. Louis, Mo. One of the recommendations of the Bureau is that "while people are cleaning up, painting up and fixing up their material possessions, they also have health and dental examinations, and perhaps visit the oculist, on the general principle that an individual should keep tabs on his or her physical condition at least as carefully as the average person looks after an automobile."

*The National Geographic Magazine* for May has an article on "Helsingfors—A Contrast in Light and Shade," with twenty illustrations.

The February number of the *Journal of Industrial Hygiene* contains an article of absorbing interest, "Industrial Hygiene in Moscow," by Alice Hamilton, M.D., and Rebecca E. Hilles. The article should be read in full and it is hardly fair to quote even this paragraph without the context:

The theory of Soviet Russia is that labor, industrial and agricultural, is the foundation of the state and that the life of the industrial worker should center round the factory just as the life of the peasant centers round the farm. Their ideal is to have in connection with each factory not only communal houses but also a creche, a kindergarten, a hospital, an amusement center and whatever else the workers need and want.

## NEWS NOTES

During the month of May Miss Kraker completed a round of visits to the Commonwealth Fund Child Health Demonstrations for the purpose of studying the organization of the nursing services in relation to the other services administered by the Demonstrations. This first-hand knowledge of the accomplishments and problems of the Demonstrations will, we feel sure, make it possible for us to be of more help to the Demonstrations in the future, and also to other community nursing organizations which are attempting to incorporate a child health nursing program into a general community public health nursing program.

The N.O.P.H.N. arranged for the middle of May a conference to discuss some of the questions relating to the nursing work of state departments of health. This conference was attended by the Associate Director, the Vocational Secretary and the Educational Secretary, representing the N.O.P.H.N.; and the state nursing supervisors from eleven southern states, the supervisors of the Metropolitan Life Insurance Company nursing services in those eleven states, the state field representatives of the Red Cross in those states, and the nurses employed by state tuberculosis associations were invited to participate in this conference. The N.O.P.H.N. hopes to follow this conference by similar conferences in other sections of the United States.

A letter from Mrs. Alice St. John, principal of the School for Nurses, St. Luke's International Hospital, Tokyo, Japan, says:

Japan is lovely now. It is the cherry blossom season, and a glorious one. Everyone who can takes a holiday and goes to view the blossoms. We will have flowers in abundance and loveliness—the azalea and wistaria quickly follow the cherry, then come the iris, and many more. St. Luke's

is again rising from its ashes and in a few weeks we will have another temporary structure. When I write you again I hope to tell you that our new nurses' dormitory and training school building is started. . . . Nursing is being much more thought of, and considered in Japan than it ever has been. Magazines and papers are sending for articles and other hospitals are coming for advice and to learn the methods taught in St. Luke's.

Miss Christine Nuno, who is at present at Teachers College, Columbia University, has been appointed in charge of the public health work to be started in connection with the hospital. There are almost limitless opportunities for development of this field.

The United States Civil Service Commission, Washington, D. C., will hold a competitive examination for positions of graduate nurse and graduate nurse (visiting duty). Applications will be received up to June 30. Competitors will not be required to report for examination at any place, but will be rated on their education, training and experience.

The examinations are to fill vacancies in the Indian Service, at an entrance salary of \$1,500, with furnished quarters, heat and light; in the Veterans' Bureau, at entrance salaries of \$1,680 to \$1,800 a year; and in the Public Health Service, at an entrance salary of \$1,020 a year, with quarters, subsistence and laundry free of cost.

The Girl Scouts will conduct eleven national training schools for Girl Scout leaders this summer scattered throughout the country from Massachusetts to Georgia, from Rhode Island to California. The training schools are open to Girl Scout leaders and council members, to recreational workers, and to other women interested in the movement. The fundamentals of scouting are to be presented in all the schools, but each school will specialize in the parts of the Girl Scout program of activities which its situation, staff and equipment particularly fit it to present.

## NEWS NOTES—Continued

Further information may be obtained from the Girl Scouts, Inc., 670 Lexington Ave., New York City.

The College of Nursing, 7 Henrietta Street, Cavendish Square, London W. 1, has extended a cordial invitation to nurses visiting England on their way to or from the Helsingfors conference to visit its headquarters. The delightful Cowdray Club, 20 Cavendish Square, offers temporary membership.

The College offers the following opportunities to visiting nurses:

List of District Nursing Associations willing to receive the nurses as guests in order that they may see something of the rural and district work.

List of midwives who will be glad to show their work.

The Public Health Section will arrange for hospitality in any part of England for nurses interested in Public Health Administration.

The College Library will be open to visiting nurses.

Local centers, of which the College has thirty-five in different parts of the United Kingdom, will be willing to receive nurses as guests at their meetings.

A list of rooms to let and the names of hostesses in or near London will be sent on application.

The Royal British Nurses Club, whose invitation to visiting nurses was printed in the News Notes of our April issue, will accommodate visitors at a moderate rate at its clubhouse, 194, Queen's Gate, London, S.W. 7.

The sixth quinquennial convention of the International Council of Women was held in Washington, D. C., May 4-14, with an attendance of about 250 delegates representing almost forty countries. Vienna was chosen for the next convention, to be held in 1930. The Marchioness of Aberdeen and Temair, president of the Council, was reelected and was also chosen honorary president.

The purpose of the convention was to discuss common problems particularly affecting women and children in all nations. Delegates from various countries, some of them in their national costume, recited the achieve-

ments of women throughout the world. An exhibit of work done by women was also an interesting feature.

Among the resolutions adopted were those favoring the League of Nations, adherence to the court of international justice, gradual disarmament, the restriction of drug production to the medical and scientific needs of the world and provisions for maternal care of the working woman. A special Child Welfare Committee was added to the Standing Committees of the council.

The Standing Committee on Public Health, which consists mostly of medical women, passed two resolutions:

1. That active interest in the care and protection of abnormal children should be taken by the National Councils of Women, and report should be given on this work.

2. That the death rate of illegitimate children under one year should be circulated among National Councils, and investigations should be made on remedial measures.

The voting nurse delegates at the meeting were Miss Christiane Reimann, representing the International Council of Nurses as Fraternal Delegate, and also the Danish Nurses Association, and Miss B. G. Alexander, Hon. General Secretary of the South African Trained Nurses Association, and delegate from the National Child Welfare Council of South Africa. Miss Alexander will go from New York to the Helsingfors Congress.

Typical of the cosmopolitan character of the Washington conference is an incident related by Miss Alexander, of the trip made by the delegates from Canada, where they landed, to Washington. As they were escorted in state over the Niagara bridge, separating the two countries, it began to rain, and the nursing delegate from South Africa offered the hospitality of her umbrella to her neighbor. During the chat which followed it was disclosed that her companion was from Iceland. "The opposite poles are drawing nearer," said the lady from Iceland.

A tea in honor of the delegates visiting New York after the conference was held at 99 Park Avenue by the Henry Street Visiting Nurse Service.



# GEOGRAPHICAL LIST OF INDIVIDUAL MEMBERS

OF THE

## NATIONAL ORGANIZATION FOR PUBLIC HEALTH NURSING

May 15, 1925

(Memberships received in May, but too late for publication in this issue, will appear in the July number.)



NOTE: In this list, which is the first that has been published, the spelling of names and the listing according to states are as they appear on the records of the organization, as of May 15. In most cases these were supplied by the individuals concerned. Every effort has been made to avoid mistakes. We sincerely hope there are none, but if so, corrections are cordially invited.

## GEOGRAPHICAL LIST OF INDIVIDUAL MEMBERS

\* Dues paid: membership pending.

### ALABAMA

#### *Nurse and Associate Nurse*

Beavers, Mrs. Howard  
Clement, Bertha C.  
Cullen, Sarah  
Denny, Linna H.  
Johnson, Roberta  
Kahle, Margaret E.  
LaForge, Elizabeth  
LaForge, Zoe  
Leonard, Mrs. Debora Q.  
Lining, Grace  
McElderry, Bertha  
Marriner, Jessie  
Mason, Ferra O.  
Montgomery, Frances C.  
Page, Frances E.  
Quilty, Ellen M.  
Walton, Laura B.  
Ward, Eunice  
Williams, Mary F.

### ALASKA

#### *Nurse and Associate Nurse*

Faldine, Marie E.  
Kenny, J. Amelia  
LeRoy, Mabel  
Pippereit, Elise R.  
Pippereit, Martha A.  
Sleichter, Dorothy

### ARIZONA

#### *Nurse and Associate Nurse*

Beagin, Catherine O.  
Benson, Minnie C.  
Brown, Genevieve  
\*Browne, Mrs. O. M.  
Caldwell, Vera C.  
Clock, Julia D.  
Gibson, Blanche M.  
Harrison, Ellen  
Johnston, Mrs. Minnie  
Kelly, Julia C.  
Kinnison, Mrs. Katherine  
Shatz, Rebecca

#### *Non-Nurse*

Heard, Mrs. Dwight B.

### ARKANSAS

#### *Nurse and Associate Nurse*

Beauchamp, Linnie  
Crow, Sallie  
Gartner, Theresa M.  
George, Aurelia Statura  
Leonard, Lulu B.  
McCall, Mary Agnes  
McKay, Marie  
Miles, Mrs. Bess Patient  
Misenhimer, Mrs. Virginia

Page, Coral M.  
Paisley, Elsie J.  
Skirving, Ella  
Skirving, Mary  
Smith, Mary Emma  
Snelling, Grace  
Tomaszewska, Blanche  
Tucker, Mary W.

### AUSTRIA

#### *Nurse and Associate Nurse*

Haupt, Alma C.

### BRAZIL

#### *Nurse and Associate Nurse*

Cooper, Alice H.  
\*Hepperle, Lydia  
Johnson, Freda O.  
Parsons, Mrs. Ethel S.  
Pitz, Louise M.

### BULGARIA

#### *Nurse and Associate Nurse*

Goff, Hazel A.  
Torrence, Rachel C.

### CALIFORNIA

#### *Nurse and Associate Nurse*

Abbott, Mrs. Adella G.  
Aitken, Marjorie B.  
Ames, Florence  
Anderson, Geneva  
Anderson, Kate  
Anderson, Mrs. Martha L.  
Apker, Gladys F.  
Ashe, Elizabeth  
Bagley, Alice C.  
Baillie, Victoria Werley  
Baird, Harriet H.  
Baird, Selah K.  
Baker, Alice C.  
Baker, Edna G.  
Bardshar, Charita A.  
Barnes, Mary Day  
Bastin, Catherine S.  
Bates, Ella L.  
Baxter, Rue Hawthorne  
Beers, Bertha C.  
Bell, Helen  
Belzar, Edna L.  
Bennett, Estelle M.  
\*Beveridge, Elizabeth M.Y.  
Beveridge, Jean D.  
Biddinger, Lila E.  
\*Bloodgood, Helen S.  
Boddy, Florence  
Bowie, L. Maude  
Bradford, Anna

Bradley, Barbara Marie  
Bridston, Lydia  
Brown, Adelaide C.  
Brown, Ida H.  
Brown, Jefferson  
Bryan, Edith B.  
Buman, Anna  
Burkemer, Carrie B. S.  
Burkholder, Iva C.  
Bushey, Lucy M.  
Bussell, Florence B.  
Carr, Vira Mae  
Carrow, Mrs. Rozzie M.  
Casserly, Mary  
Chadwick, Amelia  
Chadwick, Grace R.  
Chase, B. Louise  
Christopher, Margaret  
Clark, Mary K.  
Clark, Mrs. Reba L.  
Cole, Mary L.  
Conzelmann, Mrs. Fred J.  
Crane, Helen  
Cree, Margaret A.  
Cressman, Elsie  
Crosse, Celia M.  
Crowl, Hazel V.  
Cummings, Nellie F.  
Curtis, Frances E.  
Danielson, June M.  
Davis, Mary Elizabeth  
De Gomez, Mabel  
DePorcheron, Agnes  
Dermody, Alma Dolores  
Dimmick, Mabel M.  
Doyle, Dorothy  
Durbin, Mrs. Emma P.  
Edson, Estella S.  
Edwards, Katherine  
Erion, Luella M.  
Evers, Theodora  
Fahlberg, Mrs. Anna K.  
Farey, Mary E.  
Farnsworth, Elizabeth  
Fisher, Ethel A.  
Flagg, Claribel Marion  
Flegal, Florence R.  
Fletcher, Annis L.  
Foster, Georgie P.  
Franklin, Helen Grace  
Freeman, Mrs. Elizabeth H.  
Freeman, Mary Percy  
Fuller, Catherine E.  
Gilbertson, Violet  
Goldman, Gertrude  
\*Grainger, Mildred Clute  
Granger, Harriet B.  
Grant, Mary J.  
Greene, Juliette G.  
Gregson, Mabel S.  
Guthrie, Ivy  
Halvorsen, Helen  
Hank, Kathryn  
Hanley, Mary Jane  
Hannon, Anne E.

**CALIFORNIA—Con.***Nurse and Associate Nurse*

Harrington, Kathryn P.  
 Harrison, Jennie  
 Haskin, Cosae M.  
 Hatfield, Ethel  
 Haus, Lillian  
 Heath, Maud  
 Hedenberg, Edna L.  
 Henderson, Olive  
 Hill, Elma V.  
 Horrocks, Marion F.  
 Horton, Evelyn  
 Howard, Alice Graham  
 Howatt, Lucy J.  
 Hudacheck, Ann E.  
 Humphries, Hilda G.  
 Ingols, Reba  
 Jacobson, Elie  
 Jacobson, Marie A.  
 Jessen, Ada M.  
 Johnson, Ellen Marie  
 Johnson, Mrs. Ettabel M.  
 Johnson, Florence  
 Jordan, Sarah H.  
 Karlsson, Alma M.  
 Kay, Beatrice C.  
 Keener, Meda V.  
 Keiler, Emma D.  
 Keppel, Mary  
 Kershaw, Mary Ellen  
 Keys, Clara E.  
 Kienzle, Helen  
 Kinnear, Christina L.  
 Kuehl, Margaret  
 Kyne, Margaret J.  
 Ledyard, Dorothy M.  
 Light, Mabel A.  
 Liles, Alice J.  
 Lipsett, Jennie May  
 Lloyd, Ethel May  
 Lockwood, Mrs. Chas. D.  
 Loftus, Margaret J.  
 Long, Mrs. Edna M.  
 McAdams, Margaret  
 McCabe, Ora  
 McCollins, Estella  
 McCoy, Edith M.  
 McFunke, Mrs. Mary  
 McGee, Charlotte E.  
 McGrail, Rosetta  
 McIntosh, Mildred L.  
 McNair, Jean F.  
 McRae, Margaret A.  
 MacDowell, Laura M.  
 MacKay, Hester Katherine  
 MacNamara, Florence E.  
 MacRae, Helen  
 Marcy, Sadie K.  
 Martin, Mrs. Katherine H.  
 Mathias, Agnes C.  
 Meehan, Mary E.  
 Mercier, Pauline  
 Merrihew, Winnifred D.  
 Mill, Gertrude E.  
 Miller, Rachel K.  
 \*Mitchell, Mrs. Bess McG.  
 Mitchell, Jean

Mitschke, Linda  
 Moffett, D. Amelda  
 Moore, Naomi  
 Morgan, Bertha A.  
 Morse, Flora Priscilla  
 Murray, Ethel Frances  
 Netzer, Ruth  
 Nielsen, Ingeborg  
 \*O'Connell, Mrs. Grace  
 Olsen, Marie  
 Pape, Anna  
 Partridge, Ethel E.  
 Philbrick, Mrs. Harold  
 Pine, Mrs. Eda May  
 Pirie, Isabella H.  
 Plum, Grace V.  
 Price, Adelaide  
 Rainbow, Mabel E.  
 Ramirez, Petra M.  
 Redding, Ora L.  
 Renneke, Agnes B.  
 Rice, Margaret  
 Richard, C. Katherine  
 Rines, Isabelle M.  
 Robertson, Sarah  
 Rodgers, Grace  
 Rohrbach, Elizabeth  
 Romani, Hope F.  
 Ross, Charlotte Lee  
 Roush, Janet M.  
 Rust, Anna M.  
 Sanborn, Frances L.  
 \*Satterlee, Mrs. Elnora  
 Saven, Ada E.  
 Schmits, Louise  
 Schneider, Hilda M.  
 Scott, Helen M.  
 Scott, Katherine A.  
 Shane, Elizabeth  
 Siegmann, Walburgha R.  
 Siemens, Elfrieda E.  
 Simpson, Lillian  
 Sirch, Margaret F.  
 Sitzenstock, Louise  
 Skov, Anne  
 Smith, Jessie  
 Smith, Mrs. Philip  
 Snyder, Mrs. Ethel R.  
 Spaeth, Ida  
 Sparks, Mrs. Mina W.  
 Spofford, Adele  
 Spratt, Mrs. Blanche V.  
 Stabler, Mrs. A. M.  
 Steele, Jessie  
 Stratton, Ruth  
 Stroup, Mrs. T. L.  
 Switzer, Frances P.  
 Talcott, Agnes  
 Taylor, Bessie E.  
 Taylor, Catherine  
 Taylor, Clara  
 Taylor, Mary  
 Thacher, Mrs. Thos. A.  
 Thorp, Mrs. Justine L. B.  
 Tomlinson, Ella H.  
 Trewick, Leila  
 Troy, Mrs. Pauline  
 Tuthill, Kathryn  
 Voris, Florence

Wagner, Mrs. M. J.  
 Waite, May E.  
 Wall, Adaline J.  
 Wallace, Catherine  
 Waller, Margaret E.  
 Waterman, Helen F.  
 Watts, Ethel D.  
 Weiss, Mrs. Olga Hilton  
 Wellensiek, Alvina W.  
 Wheeler, Rose C.  
 Whitton, Alice  
 Whitworth, Frances A.  
 Wicker, Bessie R.  
 Willey, Lena T.  
 Williams, Jessie H.  
 Williams, Mary B.  
 Williams, Ruth P.  
 Woodworth, Helen L.  
 Workman, H. Mary  
 Wright, Dorothy F.  
 Wygant, Lucie May  
 Young, Mary C.  
 Zilly, Elise W.  
 Zimmerman, Sarah

*Non-Nurse*

Brown, Dr. Adelaide  
 Chase, Pearl  
 Devlin, Mrs. Robert  
 Dickinson, Mrs. W. R.  
 Fleisher, Alexander  
 Green, Dr. H. R.  
 Griffith, Alice S.  
 Vilas, Mrs. Charles N.  
 Yule, Mrs. W. H.

**CANADA**

Acres, Mrs. S. A.  
 Ahern, Alice G.  
 Ash, Harriet A.  
 Bertrand, Mrs. Eva M.  
 Brown, Moemil T.  
 Browne, Elizabeth O. R.  
 Buchanan, Margaret  
 Burns, Ada A.  
 Calhoun, Mrs. Eva D.  
 Callard, Nellie A. G.  
 \*Campbell, J. A.  
 Campbell, Janet  
 Carson, Agnes D.  
 Casey, Annie M.  
 Champagne, Charlotte  
 Clark, Elizabeth  
 Cochrane, Mrs. J. Y.  
 Cooper, Grace  
 Cowan, Kate S.  
 \*Day, Cora M.  
 Drew, Lulu N.  
 Dyke, Eunice H.  
 Ewart, May  
 \*Fitzpatrick, Emily  
 Gleason, Myrtle A.  
 Gray, Lillie N.  
 Gray, Marguerite O.  
 Grenville, Ina Isabell  
 Hamilton, Anne Bell  
 Harcourt, Elizabeth

**CANADA—Continued***Nurse and Associate Nurse*

Harris, Bertie Ellen  
 Hayden, Myrtle  
 Henry, Louise Maud  
 Hourd, Alva M.  
 Houston, Jean  
 Hurley, Edith B.  
 James, Janet J.  
 Jeffares, Isabelle M.  
 Jones, Bessie  
 Knox, Beryl  
 Latimer, C. M.  
 Lauctot, Donald  
 Leeder, Edith F.  
 Lucas, Mrs. Celia A.  
 Luxon, E. Ada  
 Lynch, Edna  
 \*McNaughton, Marion J.  
 McRoberts, Birdie W.  
 MacDonald, Helen  
 MacDonald, V. May  
 MacInnes, L. K.  
 MacKenzie, Margaret  
 Mathers, Lorna Roy  
 \*Melvin, E. Matilda  
 Moag, Margaret L.  
 Munro, Irene G.  
 Nash, Marion E.  
 Oram, Anna M.  
 O'Shaughnessy, Norah  
 Ratz, Ella May  
 Read, Winifred  
 \*Reed, Emily  
 Ririe, Mary I.  
 Robertson, Mrs. Annie  
 Ross, Lillian  
 Russell, Elizabeth  
 Seabrook, Mrs. Christian F.  
 Seaman, Ellen B.  
 Seller, Ethel  
 Shaw, Flora M.  
 Sheridan, Cornelia  
 Sherrard, Sibyl  
 Slattery, Anne  
 Smellie, Elizabeth Laurie  
 Smith, Mrs. Anne M.  
 Smith, Hannah Elizabeth  
 Smith, Jessie  
 Stevenson, Mary E.  
 Stewart, C. Isabel  
 Stinson, Theresa J.  
 \*Street, D. E.  
 Tanney, Mrs. Agnes  
 Wiggins, Marie  
 Wilson, Elsie J.  
 \*Wrayton, Marion E.

**CANAL ZONE**

*Nurse and Associate Nurse*  
 Mattice, Marguerite L.

**CHINA**

*Nurse and Associate Nurse*  
 Barton, Maude  
 Hirst, Elizabeth

Jacobs, Jennie  
 Jenkins, Mrs. Walter C.  
 Sibson, Mabel  
 Simpson, Cora E.  
 Williston, Agnes M.  
 Wyne, Margaret R.

**COLORADO***Nurse and Associate Nurse*

Alexander, Maud  
 Allen, Anna Hillstrone  
 Ashenhurst, Edna  
 Avery, Claire E.  
 Avery, Edna  
 Boyd, Ann Dickie  
 Brandt, Mrs. William C.  
 Bromley, Mrs. Marjorie E.  
 Catlin, Carrie E.  
 Curtis, Cora Arville  
 Dascomb, Lucile  
 Delk, Frances  
 Edelstein, Edith  
 Embury, Edith M.  
 Feely, Beulah A.  
 Forbes, Mary D.  
 Forster, Elizabeth W.  
 Furrow, Daisy D.  
 Hausknecht, Mary E.  
 Haynes, Olive V.  
 Hed, Velma Lamb  
 Kritz, Margaret J.  
 Landsrud, Ingeborg  
 Maguinness, Mrs. E. M. L.  
 Mansfield, Ethel  
 Munson, Agnes  
 Nelson, Esther  
 Noton, Ethel  
 O'Brien, Nellie  
 Pelton, Garnet  
 Perdue, Ellen  
 Phillips, Ruth E.  
 Redman, Dorothy Risk  
 Rocktashel, Lillian A.  
 Rosendahl, Ruth E.  
 Russell, Martha M.  
 Schooley, Caryl  
 Schulken, Mrs. Kathryn  
 Scilley, Charlotte  
 Shellabarger, M. Elizabeth  
 Slayton, Mrs. Herman  
 Supper, O. Philomena  
 Thompson, Betty V.  
 VanderLinde, Tracey  
 Walker, Jennie  
 Wieland, Mary L.  
 Work, Julia Ray  
 Wosnuk, Mrs. John  
 Yeager, Ella

*Non-Nurse*

Dines, Orville L.

**CONNECTICUT**

*Nurse and Associate Nurse*  
 Akerfelt, Selina I.  
 Alford, Alice M.

Altman, Hetty  
 Anderson, Gerda M.  
 Anderton, Alice M.  
 Bacon, Helen M.  
 Bancroft, Marion  
 Barker, L. Florence  
 Barney, Mrs. Sara Glynn  
 Barrett, Margaret J.  
 Barrett, Mary Agnes  
 Barron, Mary J.  
 Barry, Julia  
 Barry, Nellie M.  
 Bartlett, Ruth  
 Bartram, Lucie E.  
 Bigelow, Abbie E.  
 Biggs, Ethel R.  
 Blassett, Elsie R.  
 Bliss, Mrs. Emily P.  
 Bransfield, Mary  
 Brown, Emma B.  
 Brown, F. Mabel  
 Bruger, Helen Anna  
 Buck, Mattie F.  
 Buckley, Mary I.  
 Buell, Ina Margaret  
 Byrne, Mary E.  
 Cadwagan, Annie E.  
 Callahan, Sabina Catherine  
 Camp, Mrs. Mary Doyle  
 Carey, Eunice J.  
 Carey, Julia V.  
 Carrington, Bernice R.  
 Cassidy, Margaret E.  
 Churchill, Maude  
 Clark, Mrs. Louise S. W.  
 Cockroft, Mrs. Janet A.  
 Conlan, Mary E.  
 Connelly, Helen M.  
 Cook, Mrs. Jennie D.  
 Cullen, Anna M.  
 Danehy, Margaret  
 D'Arcy, Loretta J.  
 Davis, Mrs. Ida  
 Dempsey, Mrs. Mary C.  
 Donahue, May A.  
 Dorman, Ella A.  
 Dorsky, Mrs. Sarah E.  
 Douglas, Marion Harlowe  
 Driscoll, Mary Anna  
 Duella, Katherine P.  
 Durr, Rose Katherine  
 Earley, Madeline  
 Enright, Ellen  
 Fechner, Mrs. Ida S.  
 Fenn, Kate  
 Finnerty, Clara G.  
 Flang, Catherine E.  
 Flynn, Margaret L.  
 Foster, Mrs. Marie C.  
 Franke, Eva D.  
 Gallup, Eugenia L.  
 Garey, Gwendolen M.  
 Gates, Mrs. S. Agnes B.  
 Gavigan, Mary F.  
 Gilbert, A. M.  
 Gillan, Ann Evelyn  
 Goodale, Mrs. Isabelle B.  
 Goodrich, Annie W.  
 Gorman, Helen M.

**CONNECTICUT—Con.***Nurse and Associate Nurse*

Grant, Amelia  
 Green, Mrs. Chandler T.  
 Gurley, Mrs. M.  
 Hamilton, Agnes Y.  
 Harrigan, Mary C.  
 Harrington, Charlotte  
 Harris, Etta M.  
 Heath, Anna A.  
 Heavren, Rose Martha  
 Heineman, Elizabeth E.  
 Hemingway, Mrs. Alys C.  
 Henebry, C. Lillian  
 Heppel, Jeannie  
 Herold, Josephine E.  
 Hills, Mary Grace  
 Hilmer, Mrs. Elizabeth M.  
 Hodgson, Mrs. Violet H.  
 Holmes, Elizabeth  
 Hubbard, Mary Downs  
 Hull, Ethel Louise  
 Johnson, Mrs. Dorothy M.  
 Johnson, Emily  
 Johnson, Leila M.  
 Johnson, Minnie K.  
 Jones, Martha May  
 Jones, Mrs. Raymond H.  
 Keevers, Sara A.  
 Kilpatrick, Ruth A.  
 Kob, Elizabeth  
 Kromer, Nancy E.  
 LaFontaine, Mary W.  
 \*Langdon, Rose M.  
 Laydon, Mrs. Teresa M.  
 Law, Evelyn  
 LeBlanc, Marie Rose  
 Leck, Harriet  
 Lessard, Cecile C.  
 Lewis, Margaret  
 Linehan, Edna Veronica  
 Logan, Ventlie F.  
 Lundine, Astrid M.  
 Luscean, Josephine C.  
 McCarthy, Katherine T.  
 McCormack, Kathryn  
 Macdonell, Mabel  
 MacKenzie, Kate M.  
 Maher, Mary M.  
 Mahon, Margaret P.  
 Matsen, Agnes C.  
 \*Matteson, Edith May  
 Miel, Marguerite  
 Moir, Edna K.  
 Monroe, Esther  
 Moore, Isabelle T.  
 Moshier, Edith  
 Muller, Emilie A.  
 Mullin, Mrs. Catherine F.  
 O'Keefe, Elizabeth  
 Osborne, Gertrude  
 Paquette, Florence M.  
 Parker, Harriet A.  
 Paulding, Eunice B.  
 Platt, Grace B.  
 Powers, Madeleine  
 Rauch, Mrs. Lillian K.  
 Redfield, Florence M.

Reeve, Irma E.  
 Reynolds, Julia  
 Reynolds, Margaret  
 Richards, Lillian May  
 Robinson, Mrs. Mabel E.  
 Rochford, Mary I.  
 Roessner, Dorothy  
 Romejko, Anna  
 Rose, Marie L.  
 Rosenbaum, Anne  
 St. James, Amelia  
 Scrimgeour, Jennie B.  
 Seannell, Eleanor C.  
 Sherman, Kathryn Evelyn  
 Shugrue, Mary J.  
 Sipprelle, Robina P.  
 Smart, Flores  
 Smiles, Ruth  
 Smith, Anna C.  
 Smith, M. Elizabeth  
 Smith, Emily  
 Snyder, Viola L.  
 Spence, Louise C.  
 Stack, Margaret K.  
 Stevenson, Kathryn Duffin  
 Stone, Elizabeth  
 Sullivan, Mary Agnes  
 Sutherland, Beatrice  
 Taylor, Effie  
 Tibbetts, Christine  
 Trenting, Katharine M.  
 Tymon, Margaret M.  
 Van Patten, E. P.  
 Vincent, Teresa A.  
 Ward, Florence  
 Warnecke, Louise E.  
 Weiser, Catherine  
 Welles, Esther E.  
 Wheaton, Mary E.  
 Wheeler, Ellen R.  
 Williams, Beatrice Holley  
 Williams, Deborah  
 Willis, Lydia Elizabeth  
 Wood, Emily C.  
 Wright, Mary Lathrope

*Non-Nurse*

Bennett, Mrs. Winchester  
 Bronson, Jane  
 Bronson, Margaret L.  
 Cannon, Mary G.  
 Clark, Mrs. Roy E.  
 Dana, Marie T.  
 Day, Mrs. David S.  
 Elton, Mrs. J. P.  
 Fisher, Mrs. Irving  
 Glover, Deborah N.  
 Glover, Mrs. William B.  
 Hammer, Mrs. Alfred E.  
 Higgins, Mrs. Gould S.  
 Lansing, Gertrude  
 Miller, Mrs. C. E.  
 Phelps, Dr. Charles B.  
 Pomeroy, Mrs. N. A.  
 Pope, Mrs. Albert L.  
 Porter, Helen S.  
 Pruddin, Lillian E.  
 Scranton, Helen W.  
 Smith, Mrs. Edmond D.

Sterling, Ethel R.  
 Stoddard, Mrs. Sanford  
 Tyler, Mrs. W. S.  
 Williams, Mrs. Marshall H.  
 Winslow, Mrs. C-E. A.

**CZECHOSLOVAKIA**

*Nurse and Associate Nurse*  
 Kunz, Marie H.

**DELAWARE**

*Nurse and Associate Nurse*

Connell, Lucy L.  
 Cooper, Anna L.  
 Dean, Eva S.  
 Hastings, Tola B.  
 Jones, Margaret E.  
 Kloman, Agnes P.  
 Lockwood, Blanche E.  
 Lockwood, Marie T.  
 Murphin, Lola  
 Murray, Sara J.  
 Smith, Christina M.  
 Tyler, Mrs. Elizabeth W.  
 Welcome, Bertha LaTour  
 Wood, Amy E.

**DIST. OF COLUMBIA**

*Nurse and Associate Nurse*

Aldridge, Edith B.  
 Barton, Addie M.  
 Beebe, Elinor Lee  
 Bowling, Gertrude H.  
 Colby, Rachel C.  
 Davis, Bertha May  
 Dillon, Mary Regina  
 Fleming, Mrs. J. F.  
 Fox, Elizabeth G.  
 Gillman, Elizabeth  
 Gregg, Elinor D.  
 Griffith, Pearl A.  
 Harris, Matilda  
 Hasselbusch, Charlotte  
 Havey, I. Malinda  
 Hickey, Mrs. Mary A.  
 Jameson, E. M.  
 Jensen, Kathryn L.  
 Jerdone, Lillie E.  
 Keil, Mrs. Venita  
 Logan, Judith M.  
 Meagher, Agnes  
 Melton, Nora F.  
 Petersen, Annabelle  
 Phelan, Marie  
 Pierson, Marietta  
 Rinehart, Gertrude  
 Rood, Dorothy  
 Silcott, Mary E.  
 Smith, Margaret S.  
 Stimson, Julia C.  
 Stock, Pauline B.  
 Taylor, Myrtle E.  
 Teal, Helen  
 Tuttle, Lucy  
 Witchen, Elsie C.



**DIST. OF COL.—Con.***Non-Nurse*

Boardman, Mabel T.  
Brookings, Robert S.  
Davis, Bertha May  
Delano, Mrs. Frederic A.  
Hegeman, A. M.  
Keep, Mrs. F. A.  
Land, Mrs. Emory S.  
Miller, Mrs. A. C.  
Miller, Mrs. G. Brown  
Miller, Robert N.  
Wadsworth, Mrs. Eliot  
Williams, Mrs. C. C.

**DOMINICAN  
REPUBLIC***Nurse and Associate Nurse*

Byers, M. Jeannette  
Fribley, Katherine L.  
MacKenzie, Georgie F.

**ENGLAND***Nurse and Associate Nurse*

Algar-Bailey, Mrs. Ina  
Caffin, Freda  
Carter, Mrs. Maynard L.  
Hurst, Elsie  
Mattice, Brende F.

**FINLAND***Nurse and Associate Nurse*

Luoma, Tyyne Maria

**FLORIDA***Nurse and Associate Nurse*

Adams, Mrs. Sandy  
Alvis, N. M.  
Anderson, Mrs. Byrtene C.  
Antosh, Elizabeth R.  
Baertsch, Cora  
Bonner, Estelle E.  
Borden, Eva L.  
Breazeale, Mrs. Barbara C.  
Burden, Doris Esther  
Carrothers, Mary  
Cochran, Mary E. Mather  
Colby, Nana  
Cowling, Margaret B.  
Datson, Mrs. Ruby J.  
Devine, Katherine C.  
Doudney, Abby Helen  
Eberle, Alice Elizabeth  
\*Edwards, Catherine  
Ely, Joyce  
Fraser, Mary G.  
Heilman, Mrs. Charlotte  
Jones, Frances  
Likes, Aurelia A.  
McCarthy, Dora  
MacCann, Isabella R.

Mettinger, Ruth  
Middleton, Hagar H.  
Mileham, Inez Harriet  
Reid, Mrs. Laurie Jean  
Roderick, Mrs. Bertha  
\*Russell, Eva F.  
Settle, Fairy  
Sherman, Harriet J.  
Smith, Frances M.  
Steele, Leola  
Studdard, Mrs. Etta P.  
Weeks, Ruth M.  
\*Weeks, Virginia L. L.  
Wells, Lois I.  
Woodhams, Bertha M.

**FRANCE***Nurse and Associate Nurse*

De Joannis, Jeanne  
Kerrigan, Helen L.  
King, Christina B.  
Platt, Eleanor W.  
Tupper, Margaret

**GEORGIA***Nurse and Associate Nurse*

Abrecht, Mrs. Alma G.  
Alexander, Lillian M.  
Anderson, Thora K.  
Ashmore, E. Maude  
Black, Mrs. Annie L.  
Brandon, Mrs. Yvonne L.  
Brown, Nellie  
Bunkley, Leila M.  
Burns, Mrs. Mary F.  
Campbell, Agnes  
Campfield, Ida C.  
Carrington, Beulah May  
Crawford, Elizabeth Smith  
Crosby, Elsie K.  
Crotty, Mrs. M. C.  
Duke, Lillian N.  
Forde, Erlynne P.  
Gallagher, Anna L.  
Gibbes, Virginia P.  
Habenecht, Emma  
Hall, Alice  
Hancock, Mrs. H. D.  
Hatch, Helen G.  
Hellner, Anna M.  
Honeycutt, Mrs. W. C.  
Lane, Mrs. Mary K.  
McLaughlin, Clio  
Madison, Mrs. P. H.  
Martin, Jane  
Mayo, Jennie Corinne  
Moore, M. Elizabeth  
Pierpont, Mrs. Clara A.  
Rivers, Anna C.  
Robbins, Susan F.  
Sabbath, Willie Lewis  
Scott, M. A.  
Smallwood, Olive  
Stakely, Mrs. Helen E.  
Thompson, Mrs. Flora  
Tucker, Monnie

Van de Vrede, Jane  
Varner, Amanda  
Vickers, Charligene  
Watts, Mrs. J. H.

*Non-Nurse*

Haskell, Mrs. Coburn

**GREECE***Nurse and Associate Nurse*

McFarland, Katherine A.  
Murphy, Elizabeth

**HAWAIIAN ISLANDS***Nurse and Associate Nurse*

Adsit, Elizabeth  
\*Akana, Rebecca R.  
\*Arnold, Alice  
Bowron, May  
Figeley, Mrs. C. P.  
\*Geyer, Florence B.  
\*Gilcrest, Evelyn W.  
\*Glaisher, Mrs. Anna C.  
\*Kanolani, Anita  
Keppel, Ella  
Lackaff, Frances  
Mathews, Stella S.  
Smyth, Mabel L.  
Westendorf, Eleanor  
Wilcox, Mabel I.  
Williams, Mary

**HOLLAND***Nurse and Associate Nurse*

Schipper, Adriana

**IDAHO***Nurse and Associate Nurse*

Bagley, Pernes M.  
\*Blunck, J. Louise  
Carleton, Agney May  
Holm, Cladana  
Hunter, Mrs. R. H.  
Shirley, Mrs. Laura M.  
Wann, Frances M.

**ILLINOIS***Nurse and Associate Nurse*

Ahrens, Minnie H.  
Alexander, Elizabeth  
Ambridge, Anne A.  
Anderson, Edith  
\*Ashmore, Mrs. Laura M.  
Bacon, Emma A.  
Badger, Mrs. Jane B.  
Bailey, Faith  
Bain, Grace V.  
Baker, Corinth H.  
Ball, Frances M.  
Ballance, Clara M.  
Bardsley, Mrs. G. M.

**ILLINOIS**—Continued*Nurse and Associate Nurse*

- Barker, Gertrude L.  
 Beauchamp, Olive V.  
 Bell, Caroline  
 Berstecher, Erna Mae  
 Bertrand, Mrs. Frank M.  
 Best, Wilhelmina  
 Bonesteel, Lillian L.  
 Boswell, Lena Elizabeth  
 Boutillier, Pearl A.  
 Boyd, Frances F.  
 Boyd, Mabel  
 Bradley, Jessica  
 Bradner, Kathleen  
 Bratton, Hazel H.  
 Brockman, Hulda L.  
 Bronson, Eunice Louise  
 Brunner, Clara K.  
 Bunting, Emma  
 Burgess, Delia Luella  
 Burnett, Laura M.  
 Burrowes, Hilda  
 \*Candle, Ruth  
 Childers, Mrs. Elizabeth T.  
 Cohen, Pauline  
 Cohen, Rebecca  
 Collins, Rosa  
 Crawford, Mrs. Emma W.  
 Crawford, Grace M.  
 Crissy, Nellie M.  
 Curran, Clara M.  
 Cushman, Cecile L.  
 Dalbey, Alice F.  
 Davis, Anna L.  
 Dickerson, Alice E.  
 Dieshulski, Emily C.  
 Dunlap, Mabel M.  
 Emerson, Gertrude H.  
 Engelbrecht, Mrs. W. W.  
 Erickson, Ethel G.  
 Erickson, Florence Marie  
 Ericson, Hanna Elizabeth  
 Evinger, Celia  
 Ferguson, Mary L.  
 Fisher, E. Myrtle  
 Fitzgerald, Martha D.  
 Flavin, Mrs. T. J.  
 Flynn, Alice S.  
 Foley, Edna L.  
 Foster, Mrs. Katherine F.  
 Franklin, Caroline F.  
 Frost, Dorothy  
 Fuller, Margaret  
 Fulmer, Harriet  
 Fulton, Mary  
 Gallagher, Eleanor  
 Garretson, Mary  
 Gooch, Hettie  
 Green, Catherine  
 Green, Frances  
 Greene, Marion  
 Grimes, Loretta  
 Grueb, Marie  
 Grundy, Phoebe M.  
 Gysel, Caroline  
 Hackman, Lydia M.  
 Hahn, Minnie  
 Hall, Laura A.  
 Hall, Margaret W.  
 Halley, Mrs. Margaret  
 Hallwachs, Clara F.  
 Hanna, Jane  
 Hassley, Mrs. M. H. McM.  
 Hatcher, Laura L.  
 Hausmann, E. Mae  
 Hay, Helen Scott  
 Heighway, Helen A.  
 Heistad, Anna  
 Hensler, Florence J.  
 Higgs, Minnie  
 Hirsch, Verena C.  
 Hobbs, Mabel  
 Hoover, Hazel  
 Horton, Regina P.  
 Hughes, Margaret Monica  
 Hurst, Hattie Mae  
 Isacson, Jennie  
 Jablonski, Helen R.  
 Jensen, Aileen  
 Johnson, Anna  
 Johnson, Esther  
 Johnson, Marie E.  
 Johnson, Matilda L.  
 Jones, Augusta M.  
 Jones, Clara I.  
 Jones, Zada May  
 Jorgenson, Ingeborg R.  
 Kelly, Mary Katherine  
 Kipp, Jeanette K.  
 Kirk, Ruth R.  
 Kirkcaldy, Marion  
 Kitchen, Sybil Morey  
 Klee, Edwina L.  
 Klinefelter, Eugenia L.  
 Knowles, Valta B.  
 Kraft, Elsie M.  
 Krebs, May Margaret  
 Krug, Rose Elizabeth  
 Kulchinsky, Mrs. Goldie  
 LaPado, Catherine B.  
 Larkin, Mrs. Frances E.  
 Leighton, Katherine  
 Logan, Evaline F.  
 Logan, Laura R.  
 Lovell, Mrs. Helen B.  
 McCarthy, Leonissa D.  
 McClenahan, Mabel A.  
 McCool, Meryl F.  
 McCorquodale, Marion K.  
 McMose, Mrs. Mary M.  
 McNamara, Catherine  
 Mach, Emma A.  
 MacHatton, Jane L.  
 MacKay, Mary  
 MacKinnon, Emma  
 MacLeod, Marion Jean  
 MacNeill, Julia M.  
 Madson, Jennie E.  
 Mark, Josephine V.  
 Martin, Hazel  
 Mayes, Jennie E.  
 \*Menacher, Elinor  
 Miller, Nellie A.  
 Moede, Ellen M.  
 Morgan, Maude  
 Myers, Bessie May  
 Neidenberger, Phoebe P.  
 Neill, Susanne W.  
 Nelson, Mrs. Claudine H.  
 Neville, Florence L.  
 Norcross, Helen M.  
 Oehler, Esther B.  
 O'Leary, Mary M.  
 Olsen, Gertrude J.  
 Olson, Amanda S.  
 Oltjenbruns, Elsie  
 Palmer, Mrs. Hattye K.  
 Parker, Harriet  
 \*Paulson, Belletta  
 Pearson, Hilda A.  
 Peterson, Mrs. Ethel  
 Peterson, Olivia T.  
 Pilch, Maude  
 Pinkston, Florence A.  
 Place, Sara B.  
 Platt, Emma C.  
 Queen, Cora  
 Reed, Lila  
 Reed, Margaret C.  
 Reed, Vesta C.  
 Rein, Anna E.  
 Revelt, Helen L.  
 Richardson, Anna M.  
 Ritchie, Mrs. Cora J.  
 Robinson, Margaret L.  
 Ross, Marion  
 Rydman, Ruth  
 Ryman, Maude  
 Sachs, Mrs. Louise  
 Schultz, Bertha  
 Schweickert, Eleanor H.  
 Scully, Christine M.  
 Selters, Kathryn  
 Sheall, Lydia Ruth  
 Shortall, Helen  
 Sievert, Ethel  
 Sitton, Hattie A.  
 Skinner, Birdie F.  
 Skornia, Clara  
 Sloggett, Bessie H.  
 Speiser, Ann E.  
 Spencer, Florence A.  
 Stahley, Harriet E.  
 Steckle, Lydia  
 Stevens, Lucille E.  
 Stevenson, Jessie L.  
 Stoner, Eva B.  
 Stonick, Helen A.  
 Strande, Sadie A.  
 Stueven, Clara  
 Sturm, Belva M.  
 Swanson, Anna M.  
 Swanson, Marie E.  
 Sweeney, Marian Claire  
 Sweeney, Ruth S.  
 Talbot, Eloise  
 Thompson, Alice M.  
 Tillinghast, Anne L.  
 VanDeMark, May  
 Walker, Eileen T.  
 Walsh, Sadie B.  
 Weber, Mrs. E. Markman  
 Weber, Katharina  
 Welch, Mary A.  
 Wendell, Ruth E.  
 Wenzelman, Rose M.

**ILLINOIS—Continued**  
*Nurse and Associate Nurse*

Westberg, Ida F.  
Westphal, Mary E.  
Wheeler, Ella M.  
Whitlock, Olive  
Whitney, Mary  
Whyte, Ruth  
Williams, Mildred I.  
Willis, Edith B.  
Wray, Helen Ruth  
Zimmerman, Anna

*Non-Nurse*

Alshuler, Mrs. Alfred S.  
Anderson, William France  
Armour, Lester  
Asher, Louis E.  
Baker, Elizabeth  
Blaine, Mrs. Emmons  
Borland, Chauncey B.  
Buckingham, George T.  
Buffington, Mrs. Eugene J.  
Butler, Edward B.  
Butler, Mrs. Hermon B.  
Butler, Mrs. Hermon B.  
(Jessie Peabody)  
Case, Mrs. Almon G.  
Casselberry, Mrs. Wm. E.  
Chapin, Mrs. Edward F.  
Chatfield-Taylor, Mrs. W.  
Clark, Mrs. Roswell, Jr.  
Conover, Margaret B.  
Crane, R. T., Jr.  
Cudahy, Mrs. Joseph M.  
Cummings, Mrs. D. M.  
Donnelley, Naomi  
Drake, Helen V.  
Eaton, Marquis  
Farwell, Mrs. A. S.  
Field, Mrs. William A.  
Frankenthal, Mrs. L. E.  
Gregory, Mrs. R. B.  
Hale, Mrs. William B.  
Heyworth, Mrs. James O.  
Hibbard, Mrs. W. G.  
Hull, Morton D.  
Hutchins, Mrs. J. C., Jr.  
Insull, Samuel  
Jones, Arthur B.  
Keep, Chauncey  
Klein, Henry A.  
Krouch, Lena  
Lathrop, Julia C.  
Lawson, Victor F.  
Linn, Mrs. Howard  
Loewenstein, Sidney  
Lowden, Florence  
Lowden, Harriet  
McCormick, Cyrus H.  
Magnus, Mrs. August C.  
Magrane, Emma E.  
Marquis, Anna  
Marston, Dorothy  
Mayer, Mrs. Isaac H.  
Meyer, Mrs. A. W.  
Meyer, Alfred C.  
Meyer, Mrs. Carl

Flemming, Ida  
Meyer, Edwin E.  
Millet, Mrs. Aime F.  
Miner, W. H.  
Mitchell, Mrs. Leeds  
Mitchell, Mrs. William H.  
Neely, C. B.  
Palmer, Dr. George Thos.  
Patten, Mrs. James A.  
Peabody, Augustus S.  
Perkins, Margaret  
Plastringe, Alice  
Ranney, Mrs. George  
ReQua, Mrs. W. B.  
Rosenfeld, Mrs. Maurice  
Rosenwald, Mrs. Julius  
Rubens, Mrs. Charles  
Ryerson, Mrs. Jos. T.  
Schweppe, Mrs. C. H.  
Simpson, James  
Smith, Mary Rozet  
Spiegel, Mrs. Arthur H.  
Sprague, Mrs. A. A.  
Stevens, Mrs. F. L.  
Swift, Harold H.  
Tenney, Mrs. Horace K.  
Tuttle, Mrs. Arthur L.  
Tuttle, Mrs. Henry N.  
Tyson, Mrs. Russell  
Upham, Mrs. Fred W.  
Warfield, Mrs. W. S., 3rd  
Wells, Mrs. A. G.  
Wheeler, Leslie  
Zimmerman, Mrs. H. E.

Finch, Mrs. Nora B.  
Garretson, Mrs. Helen C.  
Gaskill, Ina M.  
Gilliland, Florence E.  
Giltner, Martha I.  
Glover, Isabel E.  
Gowdy, Etta Lee  
Greathouse, Ethel M.  
Green, Mabel C.  
Gress, Alleam M.  
Groscop, Julia L.  
\*Hale, Mrs. Edith  
Holman, Maud E.  
Hamilton, Edna L.  
Harrison, Georgia  
Hohnsbeen, Wilhelmina K.  
Hopkins, Emily M.  
Hunt, Edith  
Hunt, Muriel S.  
Jackson, Chloe  
Jeffrey, Mrs. Bessie S.  
Jones, Virginia A.  
Jordon, Lydia  
Kay, Marion  
Kendle, Estelle  
Kennedy, Estella M.  
Kimmel, Pauline  
King, Bertha E.  
Kuehler, Pauline E.  
Kurzdorfer, Elizabeth  
Leahy, Helda  
Lyon, Elizabeth C.  
McGaw, Mrs. Rosamond  
McGregor, Ada Bruce  
Macdonald, Mrs. Marion  
Melville, Elizabeth  
Mergy, Aline  
Meyer, Helen Louise  
Meyers, Mary A.  
Millar, Katherine J.  
Moore, Marian L.  
Munroe, Mabel G.  
Nicol, Mrs. Frances  
O'Neil, Margaret  
Pattison, Mrs. Esther H.  
Pedigo, Anne Mary  
Renwick, L. Evaline  
Ruba, Margaret  
Sayle, B. Elizabeth  
Scantling, Mary M.  
Scheerer, Angie  
Schlundt, Lydia C.  
Shaffer, Grace Letitia  
Shipman, Mary Almond  
Shute, Sara G.  
Sлимпert, Katherine D.  
Tarr, Mrs. H. C.  
Trimble, Mary C.  
VanDerPlaat, Jessie M.  
Wadsworth, Lettie  
Wagner, Hermina E.  
Webb, Laura E.  
Wehr, Maude  
Welsh, Maude J.  
Whitesides, Elthea  
Winter, Mrs. J. E.  
Youse, Nina  
\*Zansa, Bernice Frances  
Zollinger, Christine

**INDIA**

*Nurse and Associate Nurse*  
Hagen, Pernilla

**INDIANA**

*Nurse and Associate Nurse*

Armentrout, Ruth  
Armstrong, Mrs. Rose C.  
Bailey, Olive M.  
Ballenger, Alma  
Barber, Gertrude L.  
Barnes, Stella A.  
Beatty, Grace  
Beers, Martha  
Bewsey, Jennie B.  
Biebesheimer, Maxine F.  
\*Billiard, Flora Mae  
Blinn, Mrs. Ethel  
Boyer, Helen F.  
Brown, Alice  
Bryce, Mrs. Peter F.  
Canary, Mary L.  
Clarke, Mrs. Ethel Palmer  
Cline, Lulu V.  
Cotton, Mrs. S. E.  
Crist, Mary L.  
Cron, Hulda  
Delaney, Elsie  
Devlin, Isabel  
Dillon, Ruth

**INDIANA**—Continued*Non-Nurse*

Carlisle, Mrs. C. A.  
 Hapgood, Mrs. William P.  
 Heywood, Mrs. Henry B.  
 Landon, Mrs. Hugh McK.  
 Wolf, Mrs. Carl

**IOWA***Nurse and Associate Nurse*

Agan, Barbara  
 Ballantyne, Charlotte  
 Beyea, Mrs. D. Isobel P.  
 Bidwell, Louise C.  
 Bixler, Fern F.  
 Bonnstetter, Antoinette  
 Boyd, Helen  
 Brophy, Frances  
 Buehler, Mary A.  
 Buzza, Mary  
 Campbell, Carrie  
 Carnes, Daisie D.  
 Chennell, Laura W.  
 Clack, Nan  
 Close, Mary G.  
 Clough, Ruth M.  
 Conway, Agnes H.  
 Countryman, Edith  
 Cunningham, Bess A.  
 Darling, Della I.  
 DeLaskey, Mary E.  
 Donals, Josephine Wells  
 Earhart, Catherine  
 Edgerton, Genevieve  
 Einspahr, Laura M.  
 Elder, Mary L.  
 Fagner, Martha E.  
 Ferguson, Florence Elmira  
 Freriks, Dorothy  
 Gabriel, Kathrynne  
 Giesemann, Wilhelmine  
 Graber, K. Olive  
 Greene, Helen D.  
 Hanson, Charlotte  
 Harmon, Joy  
 Hartman, Golda E.  
 Hartwig, Ida A.  
 Hartz, Alma Elizabeth  
 Hayden, Mrs. Anastasia  
 Henderson, Lilian S.  
 Henke, Margaret C.  
 Herm, Mrs. Clara  
 Hersey, Frances  
 Hershey, Adah L.  
 Hoffman, Agnes M. E.  
 Hoffman, Etta  
 Hunter, Mrs. C. W.  
 Jacobs, Hilkea  
 James, Marie S.  
 Justesen, Kathrine K.  
 Kamerer, Pearl  
 \*Klingler, Helen M.  
 Larsen, Ernestine  
 Laughlin, Merle  
 Linebarger, Louise  
 Lymenstahl, Hattie  
 McCoy, Iona

McGohan, Anna B.  
 McMichael, Lucy Lee  
 McWilliams, Mrs. Grace  
 MacKenzie, M. Eleanor  
 Matheson, Margaret W.  
 Morris, Nellie R.  
 Nadeau, Gabrielle  
 Nicoll, Bessie  
 Ohlendorf, Emma  
 Ohm, Amelia  
 Osborne, Mrs. Elsie T.  
 Pattee, Alice  
 Patterson, Maude R.  
 \*Radmall, Myrtle  
 Reimler, Ruby  
 Reynolds, May  
 Rosell, Anna C.  
 Ruggles, Mrs. Ruby  
 Seccombe, Mary Frances  
 Shigley, Gussie O.  
 Short, Beatrice  
 Shurtleff, Dorothy B.  
 Simpson, Marie B.  
 Smith, Emma L.  
 Smith, Mrs. Mary F. A.  
 Smith, Mrs. Sarah  
 Stark, Mary  
 Swenson, Elina  
 Synhorst, Elizabeth  
 Taber, Abbie M.  
 Van Evera, Grace  
 \*Waldt, Elizabeth M.  
 Weaver, Dessa  
 Webb, Marion L.  
 Wiley, Jane M.  
 Wilmes, Mrs. Margaret  
 Wolfe, Ruth E.  
 Wyss, Elizabeth  
 Zicky, Marianne

*Non-Nurse*

Sinclair, R. S.

**ITALY**

*Nurse and Associate Nurse*  
 Alcea, Mary

**JAPAN**

*Nurse and Associate Nurse*  
 Lade, Helen Ross

**JAVA**

*Nurse and Associate Nurse*  
 Sadler, Eva M.

**KANSAS**

*Nurse and Associate Nurse*  
 Alexander, Mary A.  
 Allison, Sadie B.  
 Babcock, Theo. I.  
 Bailey, Ethel  
 Bure, Mrs. Mary C. Dodt  
 Byers, Maude A.

Camp, Ouida L.  
 Condell, Elizabeth V.  
 Conner, Cecelia  
 Dana, Mrs. Elizabeth A.  
 Davidson, Margaret  
 Decker, Mrs. Ora Smith  
 Drake, Hazel M.  
 Dwyer, Mary C.  
 Earnest, Blanche D.  
 Entz, Mrs. J. J.  
 Ewell, Douvia Bryant  
 Falk, Anna J.  
 Fitzpatrick, Lillian  
 Harkins, Charlotte  
 Henery, Elsie L.  
 Hertzler, Mrs. Arthur E.  
 Hess, Maude Esther  
 Hoffman, Clara Edna  
 Holiday, Ruth  
 Johnson, E. Amelia  
 Johnson, Ruth E. R.  
 Kindlesperger, Electa  
 Klein, Stella  
 Kramer, Anna  
 Landel, Mrs. Dal  
 Laptad, Pearl L.  
 Leacy, Margaret  
 Lesh, Hazel M.  
 Lewis, Mildred A.  
 Lill, Genevieve  
 McKee, Clara Ora  
 McLannan, Vera  
 Main, Anna  
 Mishoff, Mrs. W. O.  
 Moore, Genie L.  
 O'Bannon, Fern Smith  
 Patterson, Edna L.  
 Payton, Damaris A.  
 Penn, Irene M.  
 Peterson, Minnette  
 Scott, Minnie  
 Seaman, Hester M.  
 Severson, Nellie  
 Shipley, Stella  
 Simpson, Mrs. Joyce S.  
 Stallman, Elizabeth  
 Stromquist, Eleanora  
 Taylor, Mabel Alice  
 Tuicott, Mrs. Margaret E.  
 Washbon, Anne Lee  
 Westman, Anna K.  
 Westrup, Charlotte V.  
 Wright, Mrs. Rose Waters

*Non-Nurse*

Casement, Mrs. D. D.  
 Thomas, Mrs. Charles B.

**KENTUCKY**

*Nurse and Associate Nurse*  
 Anderson, Rose Ellen  
 Applegate, Mrs. Myrtle G.  
 Baird, Kittie E.  
 Bean, Florence I.  
 Bennett, Mrs. Lotie  
 Bird, Mary Virginia  
 Breckenridge, Mrs. Mary  
 Brooke, Mary

**KENTUCKY—Continued***Nurse and Associate Nurse*

Brooks, Ethel G.  
 Brown, Margaret S.  
 Callahan, Clara Catherine  
 Carico, Mrs. Will Brashear  
 Craig, Lillie May  
 Crosby, Mary L.  
 Darnaby, Martha  
 Dettloff, Rose  
 Foster, Elsie Combs  
 Gamble, Ruth  
 Glendening, Mamie  
 Gray, Sue B.  
 Hauswald, Florence L.  
 Haynes, Agnes C.  
 Hayward, Maude  
 Hill, Mrs. Bertha  
 Holzworth, Ruth L.  
 Hooe, Katherine  
 Hooks, Mrs. P. H.  
 Jackson, Mary Trigg  
 James, Grace C.  
 Johnson, Ellen M.  
 Kidder, Carrie E.  
 \*Lane, Annie M.  
 Lightbound, Gertrude  
 Loyd, Mary P.  
 Lucas, Caroline H.  
 Lynch, Margaret  
 McCabe, Mrs. Lillian S.  
 McDanald, Bettie W.  
 Maiden, H. Elizabeth  
 Marner, Zoe  
 Martin, Virginia P.  
 Meyers, Josephine  
 Meyers, Mrs. Sarah B.  
 Moss, Mrs. Alexander  
 Newbill, Georgia  
 Norfleet, Mrs. Carl  
 Parker, Sarah S.  
 Parmelee, Mrs. Emma L.  
 Pearson, Elsie  
 Pease, Nola  
 Porter, Hattie A.  
 Pracht, Anna M.  
 Quinn, Annie Blanche  
 Rankin, Mrs. W. T.  
 Reinstedler, Edna A.  
 Row, Jennie L.  
 Shockley, Della  
 Sims, Anna E.  
 Snyder, Lena E.  
 Spoenemam, Lydia  
 Steilberg, Matilda M.  
 Stoller, Grace E.  
 Stroud, Bertha Eiler  
 Thomas, Bertha May  
 Votaw, Mrs. Charles T.  
 Wallingford, Florence  
 Weber, Olivia  
 Williams, Flora  
 Williamson, Marion  
 Young, Ruth

*Non-Nurse*

Ainslie, Maud  
 Humphrey, Mrs. Churchill

**LOUISIANA***Nurse and Associate Nurse*

Barr, Anna M.  
 Bell, Mrs. Pearl H.  
 Daspit, L. Agnes  
 Gass, Otila  
 Gillon, Mrs. W. A.  
 Grelle, Stella  
 Kelley, Lessie V.  
 Knoll, Mrs. Anna  
 Pagaud, Mary V.  
 Reid, Maude  
 Traber, Anna

*Non-Nurse*

Godchaux, Mrs. Paul L.

**MAINE***Nurse and Associate Nurse*

Anderson, Carrie L.  
 Anderson, Mrs. Theresa  
 Arbuckle, Mabelle  
 Ballantyne, Jennie L.  
 Bishop, Enola J.  
 Chenery, Mrs. Lelia R.  
 Clark, Una V.  
 Cloudman, Myra F.  
 Conner, Edna  
 Cox, Fannie M.  
 Daggett, Georgia E.  
 Fisher, Mrs. Anna  
 Fogarty, Nina B.  
 Galvin, Catherine M.  
 Gibson, Alice F.  
 Gregory, Bertha L.  
 Griffin, Eleanor  
 Hack, Mollie  
 Hall, Marjory  
 Hopkins, Louise P.  
 Irish, Lovina D.  
 Johansen, Ingeborg C.  
 Keating, Katherine A.  
 Knowlton, Laura F.  
 McCausland, Mabel  
 McLaughlin, M. Ruth  
 Mackenzie, Charlotte  
 Mills, Amber A.  
 Moore, Minnetta E.  
 Mosher, M. C.  
 Nelson, Charlotte  
 Pitt, Mrs. Annie M.  
 Price, Mary Gertrude  
 Read, Mandane B.  
 Rowell, Nora  
 Sanderson, Helen  
 Shean, Mary E.  
 Smith, Katherine B.  
 Soule, Edith L.  
 Spiers, Edith M.  
 Waln, Edith  
 Wilson, Eleanor  
 Wright, Lola B.

*Non-Nurse*

Bingham, William, 2nd  
 Gardiner, Mrs. Wm. Tudor

**MARYLAND***Nurse and Associate Nurse*

Badenhoop, Hermine  
 Bell, Mary E.  
 Bouldin, Nora  
 Braithwaite, Pearl H.  
 Brogden, Margaret S.  
 Brooks, Mrs. J. W.  
 Bryden, Lucy A.  
 Carr, Martha E.  
 Daly, Eve  
 Dandridge, Marie  
 Ells, Mrs. Ida J.  
 Etchberger, M. Frances  
 Fisher, Mary C.  
 Garner, Florence E.  
 Grady, Nellie E.  
 Griffith, Mrs. Estelle C.  
 Harrington, Edith  
 \*Haslam, Catherine May  
 Haslam, Edith  
 Immler, Eleanor M.  
 Kenly, Sara Virginia  
 Kennedy, Loula E.  
 Lawler, Elsie  
 Lee, Katherine F.  
 LeMoyné, Mrs. Frances  
 Lewis, Virginia  
 Lilly, Ida Louise  
 MacConney, Louise  
 Mulligan, Maybelle  
 Newman, Jane B.  
 Newman, Margaret E.  
 Price, M. Margaret  
 Robson, Mrs. Goldie  
 Shipley, Camsadel  
 Smith, L. Blanche  
 Spielman, Clara M.  
 Stewart, Lydia M.  
 Sweeney, Caroline A.  
 Wagner, Maud L.  
 Walker, M. Evelyn  
 Wesley, Mirian G.  
 Williams, Mary H.  
 Wilson, J. Alice

*Non-Nurse*

Athey, Mrs. C. N.  
 Cross, Mrs. Whitman  
 Ellicott, Mrs. C. E.  
 Jencks, Mrs. F. M.

**MASSACHUSETTS***Nurse and Associate Nurse*

Adams, Jessie R.  
 Allen, Adelpia M.  
 Allingham, Alice A.  
 Anderson, Anna C.  
 Anderson, Elsie A.  
 Arnold, Mrs. M. R.  
 Ashley, Mildred F.  
 Avar, Martha J.  
 Ayer, Mary E.  
 Barnes, Eugenia C.  
 Bashaw, E. Merle  
 Beard, Mary  
 Beatty, Sarah



**MASS.—Continued***Nurse and Associate Nurse*

- Bee, Margaret A.  
 Belyea, Margaret S.  
 Bergman, Florence A.  
 Bergstrand, Hannah  
 Berry, Florence L.  
 Best, Louise H.  
 Betterley, Maisie S.  
 Beverly, Mary M.  
 Biggar, Mrs. Anne Selley  
 Billings, Bernice  
 Blanchard, E. Frances  
 Blanchard, Edna Frame  
 Bopp, Mrs. Nora L.  
 Boyle, Margaret L.  
 Branscombe, Mrs. B. G.  
 Brehaut, Elsie  
 Breslin, Margaret  
 Bridges, Minnie H. P.  
 Brooks, Vera H.  
 Brown, Mabel M.  
 Brunelle, Mrs. Mildred E.  
 Bryant, Fannie E.  
 Buker, Helene B.  
 Bulman, Mary  
 Burgess, Mary  
 Burke, Dorothy M.  
 Burke, Mary F.  
 Buttle, Dorothy  
 Cahill, Nora M.  
 Cairns, Margaret  
 Campbell, Mrs. Alexander  
 Carey, Margaret C.  
 Carney, Gertrude  
 Cassidy, Mrs. Mary  
 \*Cavanaugh, Anna  
 Chadwick, Mary E.  
 Chapin, Mae E.  
 Chapman, Hattie M.  
 Cheney, Lela M.  
 Cherry, Mrs. Ethel B.  
 Child, Mrs. Mary S.  
 Chute, Eugenie J.  
 Clements, Eva B.  
 Coggeshall, Hazel  
 Coleman, Margaret M.  
 Collins, Mrs. Arabelle  
 Collins, Mary E.  
 Conroy, Rosemary  
 Coolidge, Evelyn L.  
 Conroy, Winifred  
 Corbeil, Marie A.  
 Corbett, Catherine C.  
 Cowles, Ruth C.  
 Crawford, Mrs. J. M.  
 Croken, Margaret  
 Crown, Julia G.  
 Cunningham, Agnes B.  
 Currier, Laura  
 Dailey, Mary E.  
 Dakin, A. E.  
 Daler, Anna Josephine  
 Daniels, Marion W.  
 Davidson, Elizabeth B.  
 Davis, Annie V.  
 Davis, Mrs. Lena B.  
 Dean, Ethel Vera  
 Deming, Dorothy  
 Devanny, Anne M.  
 Dewar, Isobel  
 Delano, Helen L.  
 diCicco, Filomena  
 Dodge, Daisy L.  
 Dolby, Ivy  
 Dooley, Mrs. Anna E.  
 Donovan, Mary E.  
 Dowden, Imilda L.  
 Downey, Winifred  
 Downs, Sadie E.  
 Draper, Laura A.  
 Duggan, Mabel E.  
 Dunn, Mrs. Bertha R.  
 Duval, Leocadie  
 Dwyer, Marietta M.  
 Egan, Sarah A.  
 Elliot, Olive H.  
 Erskine, Satia S.  
 Erskine, Winifred L.  
 Fandel, Mrs. Carolina A.  
 Farr, Alma H.  
 Ferry, Edith S.  
 Finnegan, Mary  
 Fitzpatrick, Anna M.  
 Fogg, Edna Croscup  
 Foley, Anna J.  
 \*Fowler, Helen J.  
 Fryburg, Mrs. Chas. A.  
 Fyfe, Hannah G.  
 Gage, Pauline W.  
 Gagner, Sylvia M.  
 Gainley, Margaret E.  
 Gallagher, M. Alice  
 Gamble, Sarah  
 Garden, Mrs. Irene A.  
 Garrison, Jessie I.  
 Gaston, Mary D.  
 Gillis, Annie  
 Gilman, Mrs. Marion U. M.  
 Giroux, Marie Louise  
 Gormley, Alice A.  
 Gould, Helen W.  
 Grady, Helen C.  
 Grant, Mrs. Maud Fraser  
 Greenwood, Alice A.  
 Griffin, Ellen V.  
 Hafley, Anna E.  
 Hagar, Mrs. Katherine M.  
 Haines, Edith  
 Hampston, Bridget J.  
 Hanscom, Daisy M.  
 \*Harrison, Mrs. Bessie M.  
 Hartnett, Mrs. Anna  
 Harvey, Elizabeth  
 Hayes, Florence M.  
 Hescok, Lilla M.  
 Heywood, Cora Lydia  
 Hines, A. Gertrude  
 Hiney, Genevieve E.  
 Hinkley, Mrs. Josephine S.  
 Hitchcock, Katherine  
 Hobson, Annie E.  
 Hoisington, Mary C.  
 Holden, Charlotte  
 Holmes, Katherine W.  
 Horton, Eunice I.  
 Howard, Ethel M.  
 Hoyt, Helen J.  
 Hudson, Adelaide M.  
 Hughes, Dorothea M.  
 Hume, Jean W.  
 \*Hunt, Mrs. Katherine R.  
 \*Inglio, Ethel Vie  
 Irons, Bertha E.  
 Irving, Jennie M.  
 Jackson, Marion  
 Jacobus, Rosebelle  
 Jacquith, Lucia L.  
 James, Mrs. Edythe G.  
 James, Vivian Z.  
 Jodoin, Alda H.  
 Johnson, E. W.  
 Johnson, Mrs. Embi S.  
 Johnson, Florence E.  
 Johnson, Myrtle B.  
 Johnston, Lillian  
 Jones, Mary A.  
 Judge, Mrs. Arthur Wm.  
 Keefe, Mrs. Marion  
 Kelly, Katherine A.  
 Kelly, Letitia G.  
 Kennedy, Kathleen  
 Kennedy, Mary K.  
 Kenney, Mrs. Mary T.  
 Keough, Mrs. Genevieve C.  
 Kesseli, Lizetta  
 Kimball, Mrs. May B. D.  
 King, Mrs. Lydia K.  
 Klingbeil, Madeline C.  
 Knowles, Marie M.  
 Knox, Harriet Clarke  
 Koch, Anna  
 Kohl, Mary F.  
 Kuhn, Erna Marion  
 Langille, Gladys  
 LaPorte, Louise L.  
 Lawrence, Mary  
 Lawton, Mary A.  
 Leach, Julia M.  
 Leavitt, Margaret R.  
 LeBoeuf, Albina  
 Ledwith, Elsie Katherine  
 LeMaire, Mrs. A. G.  
 Lenmer, Cecilia  
 Lester, Ada M.  
 Lester, Hazel J.  
 \*Lewis, Dorothy M.  
 Lewis, Ida M.  
 Lewis, Mrs. Mae S.  
 Lewis, Mary E.  
 Lincoln, Helen Mae F.  
 Linehan, Margaret T.  
 Little, Margaret Ann  
 Loomis, Katherine H.  
 Lyman, Grace  
 McAvoy, Mary  
 McCaffrey, Helen F.  
 McCarthy, Mary  
 McEwan, Hannah C.  
 McFarland, Lena  
 McFarlane, Mary J.  
 McGee, Mrs. Mary  
 \*McGreevey, M. Frances  
 McHugh, Mary V.

**MASS.—Continued.***Nurse and Associate Nurse*

McKinnon, Alice F.  
 McMullen, Eleanor C.  
 McNevin, May C.  
 McNulty, Jennie  
 McQuaide, Nora  
 MacAdam, Ellen C.  
 MacCormack, Mary C. V.  
 MacDonald, Geneva A.  
 MacDonald, Helen S.  
 MacDonald, Melda F.  
 MacDonald, Susie  
 MacEachern, Laura M.  
 MacIntosh, Alice B.  
 MacOdrum, Alice L.  
 Maloney, Elizabeth M.  
 Manague, Marion P.  
 Marble, Helen J.  
 Marion, Mrs. J. W.  
 Marshall, Exilda I.  
 Marten, Frances J.  
 Martin, Mrs. Madeline C.  
 Maxwell, Mrs. Rachael W.  
 Miller, Elizabeth G.  
 Miller, Florence E.  
 Miller, Sadie E.  
 Mitchell, Dufferin I.  
 Moffett, Katherine H.  
 Moffette, Phyllis  
 Morrill, Christina B.  
 Morton, Gertrude  
 Moshier, Angie  
 Mountain, Mrs. Nina L.  
 Mower, Gertrude E.  
 \*Moynihan, Mary T.  
 Munroe, Mrs. Louise Foss  
 Murphy, Alice  
 \*Murphy, Cecilia U.  
 Murphy, Minnie K.  
 \*Murray, A. Frances  
 Murray, Mary  
 \*Murray, Mary E.  
 Newcombe, Emma C.  
 Noble, Katherine  
 Oakley, Florence  
 O'Brien, Addie S.  
 O'Brien, Mabel  
 O'Dea, Mrs. Grace Lilian  
 O'Donoghue, Mary V.  
 Parmenter, Alice H.  
 Parson, Mary  
 Patch, Naomi Christine  
 Patnaude, Corinne C.  
 Patterson, Florence M.  
 Paul, Mrs. Lou R.  
 Pyrah, Eva E.  
 Peak, Alice Gorham  
 Pearson, Helen Foster  
 Pease, Edith M.  
 Peirce, Katherine E.  
 Perry, June E.  
 Perry, Lena A.  
 Peterson, Alice B.  
 Peterson, Almeda Sophie  
 Phee, Margaret  
 Pew, Sallie Alice  
 Piper, Gladys M.

Pleau, Mrs. Mayme  
 Polson, Signe Leontina  
 Porter, Alice L.  
 Pratt, Laura S.  
 Price, Mrs. Edith P.  
 Pritchard, Florence G.  
 Purbrick, Marian  
 Quellet, M. Jeanne  
 Quirke, Lillian Mary  
 Rand, Lucy H.  
 Regan, Mary A.  
 Reid, Lily  
 Reilly, Margaret G.  
 Remillard, Annette  
 Reubens, Mrs. Anna S.  
 Reynolds, Sarah G.  
 Rice, Marion M.  
 Roadine, Catherine M.  
 Roberts, Doris  
 Roberts, Florence M. Mc.  
 Robinson, Grace N.  
 Robinson, Mrs. Margaret A.  
 Robison, Elizabeth  
 Rogers, Emily Morrill  
 Ross, Beryl I.  
 Ross, Elizabeth  
 Rowe, Roberta F.  
 Ruel, Mrs. Ruth W.  
 Saito, Midori  
 Sandiford, Mrs. O. M.  
 Sandstrom, Esther  
 Sandstrom, Ruth  
 Sawyer, Eva C.  
 Schenker, Emma V.  
 Sears, Willarette C.  
 Sheehan, Mary E.  
 Silver, Rose  
 Simcusky, Josephine D.  
 Simpson, Florence A.  
 Small, Mary Josephine  
 Smalley, Grace E.  
 Smith, Agnes F.  
 Smith, Charlotte A.  
 Smith, Elsie F.  
 Snow, Mrs. Joan M.  
 Spurr, Annie M.  
 Staples, Gladys  
 Stearns, Ednah  
 Stewart, Martha J.  
 Stimson, Marjory  
 Story, Marion Barnes  
 Stowell, Madelon  
 Stratton, Olive  
 Strong, Anne Hervey  
 Sullivan, Catherine M.  
 Sullivan, Loretta M.  
 Sutton, Edwina M.  
 Sweet, Sarah L.  
 Taylor, Frances W.  
 Thayer, Edith Viola  
 Thornley, Adah  
 Tibbetts, Lucile R.  
 Titcomb, Lois A.  
 Tomanek, Agnes W.  
 Trainor, M. Louise  
 Travers, Rosella  
 \*Twhig, Ella  
 Underwood, Bessie A.  
 Urquhart, Jeanetta  
 Van Duzor, Charlotte E.  
 Vining, Ola  
 Waldron, Eva S.  
 \*Wallace, Janet C.  
 Walsh, Elizabeth R.  
 Walsh, Mrs. J. O.  
 Walsh, Mrs. Jennie E.  
 Waterfield, Reba  
 Waters, Yssabella G.  
 Watson, Emily F.  
 Watton, Gladys  
 Wayne, Madeline  
 Webster, Jean L.  
 Weir, Agnes  
 Weir, Margaret G.  
 Weld, Maude A.  
 Wells, Roselle Agnes  
 Weston, Alice A.  
 Westover, Eva L.  
 Wettzell, Gladys S.  
 Wheeler, Estelle Lucretia  
 White, M. F. Maude  
 Whited, Helen  
 \*Whiting, Mildred W.  
 Wight, Geneva A.  
 Williams, Annie Laurie  
 Williams, Grace L.  
 Williams, Ruth E.  
 Williams, S. Jane  
 Wilson, Mary Louise  
 Woodbury, Marion C.  
 Wormwood, Alyce Nella  
 Young, Armenia E.  
 Young, Mrs. Lavinia  
 Young, Margaret M.  
 Young, Marjorie P.

*Non-Nurse*

Adam, Dr. John  
 Aldrich, Rev. Donald B.  
 Alford, Martha A.  
 Alton, Mrs. B. H.  
 Ames, Mrs. Hobart  
 Atkins, Mrs. Ruth W.  
 Baird, Minnie L.  
 Bartlett, Lucia R.  
 Bartol, Mrs. J. W.  
 Beggs, Mrs. William E.  
 Borden, Carrie L.  
 Bradley, Mrs. J. G.  
 Bradley, R. M.  
 Brooks, Mrs. Shepherd  
 Clarke, Harriet E.  
 Codman, C. A.  
 Codman, Mrs. E. A.  
 Cole, Mrs. E. B.  
 Cordes, William  
 Cooper, Carolyn E.  
 Curtis, Mrs. Greely S., Jr.  
 Curtis, Mrs. Mattoon M.  
 Dane, Mrs. John  
 Davis, Charles T.  
 Denny, Emily G.  
 DeNormandie, Mrs. R. L.  
 Donald, Malcolm  
 Durant, Mrs. Clark T.  
 Fales, Mrs. L. F.  
 Falvey, Alice  
 Fisher, Mrs. R. T.

**MASS.**—Continued.*Non-Nurse*

Forbes, Mrs. Alexander  
 Frothingham, Mrs. Louis  
 Gage, Mrs. Homer  
 Garfield, Lucretia  
 Grandin, Mrs. John L.  
 Green, Mrs. S. M.  
 Grew, Mrs. E. W.  
 Grinnell, Mrs. Harold  
 Hale, Ellen  
 Hall, Carrie M.  
 Hallowell, Mrs. N. P.  
 Harrington, Mrs. F. B.  
 Hartshorn, Mrs. G. T.  
 Houghton, Mrs. Clement S.  
 Hunt, Mrs. John C.  
 Jewett, Mrs. J. R.  
 Kidder, Mrs. Henry P.  
 Lawrence, Mrs. James  
 Lee, Joseph  
 Leonard, Mary W.  
 Lord, Katherine  
 Lowell, Mrs. James B.  
 Moors, Mrs. John F.  
 Morison, Horace  
 Morse, Jessie Gwendolen  
 Osgood, Fanny C.  
 Peabody, Mrs. F. W.  
 Peabody, Gertrude W.  
 Pierce, Mrs. Edgar  
 Rheault, Mrs. Charles A.  
 Robbins, Emma  
 Robbins, Mrs. L. G.  
 Russell, Mrs. Henry R.  
 Russell, Mrs. James W., Jr.  
 Snyder, Mrs. Frederic S.  
 Spalding, Mrs. Roger  
 Sprague, Mrs. Henry B.  
 Stanley, Mrs. William  
 Talbot, Mrs. John E.  
 Thayer, Mrs. Ezra Ripley  
 Thayer, Mrs. John E.  
 Thorp, Alice A.  
 Townsend, Annie R.  
 Vorenberg, Felix  
 Ward, Anita S.  
 Wilinsky, Dr. Charles F.  
 Williams, Mrs. S. P.

**MICHIGAN***Nurse and Associate Nurse*

Ackerman, Hannah L.  
 Alfson, Martha  
 Allen, Mrs. Ben  
 Allen, J. Ethel  
 Almen, Elaine  
 Andersen, Johanne C.  
 Anderson, Amanda  
 Armstrong, Irene  
 Asselstine, Kathryn R.  
 Atkins, Iva E.  
 Barrington, Lois H.  
 Bartlett, Mrs. Barbara H.  
 Bartlett, Zilla B.  
 Bayley, Lillian  
 Beisel, Florence

Belden, Lucy P.  
 Bielow, Henrietta M.  
 Bjorkquist, Ida S.  
 Blacklock, Bessie  
 Blake, Mary  
 Bowman, Flora P.  
 Bray, Caroline K.  
 Brewington, Frances R.  
 Bromby, Alice M.  
 Brown, Mrs. Ethel Rice  
 Brown, Mrs. Flora N.  
 Brugger, Elfrieda  
 Buchner, Rosella F.  
 Buck, Mrs. Lillian J.  
 Bulkley, Margaret A.  
 Burghdorf, Flora M.  
 Byers, Edith M.  
 Cameron, Marjorie  
 Canfield, Helen C.  
 Cannon, Elizabeth  
 Chayer, Mary Ella  
 Coleman, Ada P.  
 Connolly, Mary P.  
 Coughlin, Sarah  
 Creagh, Alice M.  
 Crowley, Ellen M.  
 Daniel, Emily O.  
 Dennison, Margaret  
 Deyell, Frances L.  
 Donnachie, Jean  
 Dunlop, Beatrice  
 Ericson, Johanna  
 Eskill, Norma B.  
 Farnham, Jennie A.  
 Farver, Mary Ellen  
 Fennell, Anne  
 Flenner, Alice A.  
 Ford, Mrs. Eleanor Jones  
 Fox, Annette Marie  
 Fulton, Mrs. A. R.  
 Gilbert, Lillian  
 Gillespie, Elizabeth D.  
 Green, J. Wyona  
 Gretter, Mrs. L. E.  
 Gries, Stella M.  
 Grogan, Florence  
 Groskopf, Rose M.  
 Guimaraes, Mrs. A. S.  
 Hall, Della  
 Halloran, Agnes M.  
 Halsey, Sarah Louise  
 Hanson, Hanna C.  
 Hanson, Martha C.  
 Hanson, Selma  
 Hartman, Grace  
 Haupt, Laura M.  
 Heering, Hannah M. G.  
 Henderson, Dena  
 Herc, Milenka  
 Herringshaw, Mrs. D. E.  
 Herrington, Esther  
 Hirwas, Johanna L.  
 Hock, Gertrude M.  
 Hoffman, Charlotte  
 Hoge, Mildred  
 Holzer, Cecilia  
 Hoover, Mary Elizabeth  
 Houston, Bertha M.  
 Howard, Fern

Huebel, Harriet M.  
 Hull, Alice  
 Huser, Pauline  
 Jackson, Ella M.  
 Jardine, Ethel F.  
 Jewell, Frances  
 \*Johnson, Agnes  
 Johnson, Alma I.  
 Johnston, Elizabeth  
 Kellogg, Mae Belle  
 Kennedy, Mabel  
 Keyes, Abbie S.  
 Kirchman, Therese  
 Kirk, Belle M.  
 Kitscher, Louise  
 Laude, Lena M.  
 Lavin, Mrs. Carrie  
 Lawrence, Anne  
 Lemner, Nell R.  
 Lenway, Marion V.  
 Lewis, Grace I.  
 Long, Adda B.  
 Ludington, Charlotte  
 McGhie, Margaret  
 McGregor, Mabel  
 McIlroy, Mary  
 McKenzie, Lisabel  
 McQuillen, Genevieve  
 MacDonald, Loretta A.  
 Mace, Jennie A.  
 MacMullan, S. Helen  
 Mease, Martha  
 Meister, Margaret  
 Miller, Zora U.  
 Minderman, Aleida M.  
 Mitchell, Mell B.  
 Mokma, Laura M.  
 Monaghan, D. Evelyn  
 Moncrieff, Mrs. K. G.  
 Monroe, Pearl E.  
 Moore, Mrs. Helen D.  
 Morehouse, Gladys F.  
 Morse, Elba L.  
 Mull, Ethel E.  
 Nash, Esther  
 Nebel, Winifred M.  
 Nichols, Adah  
 Nichols, Lillian I.  
 O'Connor, Agnes E.  
 Oppermann, Hazel  
 Paddock, Mrs. Marian B.  
 Parks, Anastasia  
 Patterson, Mrs. Anna T.  
 Pell, Constance E.  
 Pellow, Katherine  
 Pendill, Olive  
 Ploeg, Elizabeth  
 Potts, Henrietta J.  
 Potts, Mary E.  
 Power, Frances W.  
 Ramstead, Lucy E.  
 Rand, Winifred  
 Rankin, Emily N.  
 Redmond, Mary Ellen  
 Reid, Eva Belle  
 Rinck, Deane  
 Rittenhouse, Valeria  
 Rogers, Margaret A.

**MICHIGAN—Continued***Nurse and Associate Nurse*

Rohr, Mae H.  
 Rooney, Rose  
 Ross, Grace  
 Royce, Margaret  
 Runge, Marie  
 Russell, Mrs. Nettie M.  
 Sabin, Augusta  
 Safford, Ada  
 Sargent, Emilie Gleason  
 Savage, O'Deille  
 Schiffer, Agnes  
 Schmeising, Lydia  
 Schoenbeck, Henrietta M.  
 Sherk, Elizabeth M.  
 Simpson, Alma  
 Smith, Linnie  
 Smith, Mrs. R. H.  
 Snow, Mrs. John Ralph  
 Squire, Mrs. Margaret  
 Stirrett, Mabel  
 Stoddard, Jessie F.  
 Stoll, Edith  
 Stritmatter, Mrs. W. C.  
 Szymczak, Harriet K.  
 Taylor, Mary  
 Tenny, Lucile  
 Thorn, Florence C.  
 Trafford, Mary C.  
 Turner, Elsie M.  
 Uttley, Nola B.  
 Van Domelen, Mary  
 Van Zytveld, Catherine  
 Volker, Beulah M.  
 Wade, Mabel R.  
 Walker, Alice H.  
 Wangberg, Ragna  
 Ward, Grace  
 Webster, Carrie  
 Webster, Gwynedd  
 Webster, Mabelle  
 Welander, Myrtle V.  
 Wenger, Elizabeth  
 Wesley, Alice E.  
 Wilhemy, Mathilda  
 Wilson, Ada  
 Woods, Gertrude E.  
 Woolley, Mae

*Non-Nurse*

Bigelow, Mrs. S. Lawrence  
 Blodgett, Mrs. J. W.  
 Booth, Mrs. Edmund W.  
 Butler, Mrs. L. K.  
 Davock, Mrs. Clarence W.  
 Diack, Mrs. A. W.  
 Fletcher, Julia L.  
 Freund, Mrs. Hugo A.  
 Harrah, W. F.  
 Lamb, Mrs. Charles K.  
 McPherson, Mrs. M. B.  
 Parker, Mrs. W. R.  
 Searles, Mrs. J. R.  
 Sheldon, Mrs. Henry  
 Watkins, Mrs. James K.  
 Williams, Mrs. W. K.

**MINNESOTA***Nurse and Associate Nurse*

Alexander, Agnes A.  
 Anderson, Esther Marie  
 Blackmar, Mabel C.  
 Bonde, Mrs. Marjorie H.  
 Bringgold, Eloise M.  
 Brubaker, Bertha  
 Butzerin, Eula B.  
 Bye, Myrtle O.  
 Carleton, Lois  
 Carlson, Geneveive  
 Carlstrom, Lydia  
 Coleman, Louise  
 Dahl, Ida M.  
 Daly, Ruth  
 Davis, Theodora B.  
 Deebach, Mildred  
 Donovan, Irene M.  
 Dougherty, Katherine  
 Ellis, Mrs. Leola  
 Erickson, Theresa  
 Erickson, Cecile  
 Finnegan, Josephine A.  
 Fuller, Alice H.  
 Gaardsmoe, Helga  
 Gagnon, Marie L.  
 Gelwicks, Lillian J.  
 Gilkey, Lynne  
 Godfrey, Agnes  
 Graham, Bessie M.  
 Graves, Mrs. Dorothy  
 Gray, Janet R.  
 Green, Florence L.  
 Groven, Selma  
 Haines, Effie  
 Halbert, Lucy E.  
 Halsall, Ellen  
 Halverson, Carlotta R.  
 Hana, Mary  
 Hanson, Elizabeth M.  
 Harrison, Elma  
 Hazel, Barbara  
 Helgeson, Cora  
 Henriksen, Heide  
 Henriksen, Marie  
 Hilbert, Hortense  
 Hodges, Mary H.  
 Horn, Mary J.  
 Houlton, Ruth  
 Hovre, Olga I.  
 Jarvis, L. Anita  
 Johnson, Anna S.  
 Johnson, Esther O.  
 Johnson, Mary A.  
 Johnson, Myrtle  
 Jorgensen, Marie  
 Keable, Leah M.  
 Ketcham, Mrs. Geraldine C.  
 Kimball, Myra W.  
 Kleven, Edith H.  
 Kneebone, Robina  
 Lakman, Mrs. Jennie  
 Lee, Mary L.  
 Leversee, Florence  
 McGovern, Kathryn  
 McGregor, Margaret A.

McMillen, Corinne F.  
 MacPherson, Isabel J.  
 Mahew, Mrs. H. J.  
 Manatt, Mrs. Claire W.  
 Mariette, Mrs. B. S.  
 Mark, Mary E.  
 Maxwell, Janie  
 Mettel, Augusta E.  
 Miller, Annette  
 Moe, Olga  
 Morlock, Marie  
 Motl, Dorothy  
 Muckley, Mary M.  
 Munson, Julia M.  
 Nelson, Sara L.  
 Ostrom, Hildegard O. E.  
 Palmer, Mellie F.  
 Paschke, Clara Louise  
 Peck, Helen Chesley  
 Peters, Abbie J.  
 Peterson, Dora J.  
 Pidge, Mrs. Marion P.  
 Pond, Rebecca  
 Praeger, Rosamond  
 Prens, Henriette  
 Priedeman, Mrs. John G.  
 Pulley, Grace E.  
 Ruff, Clara  
 Sanborn, Maurine E.  
 Sargeant, Marie  
 Schoeker, Mrs. Mary B.  
 Seaberg, Mrs. Jennie  
 Segner, Hazel M.  
 Severson, Esther F.  
 Shelver, Marie E.  
 Skewes, Dorothy W.  
 Smith, Mildred G.  
 Sokoll, Anna  
 Solberg, Alfa  
 Sprague, Elizabeth  
 Swenson, Aaget H.  
 Tenold, Luella  
 Tollefsen, Ruth T.  
 Ulveslad, Mrs. Selma O.  
 Wagner, Dorothy Helen  
 Wallin, Judith E.  
 Walz, Caroline  
 Warner, Florence  
 Warner, Ella B.  
 Weum, Anna  
 Woltman, Marie  
 Wynne, Mrs. Ethel N.  
 Yerkes, Lola G.  
 Zuppmann, Eleanor

*Non-Nurse*

Brown, Mrs. Edwin H.  
 Chamberlain, Mrs. F. A.  
 Hunt, Mrs. Harold Olney  
 Janney, Frances W.  
 Jones, Tessie  
 Lee, Mrs. W. H.  
 Stoltze, Mrs. F. H.  
 Tearse, Mrs. R. E.  
 Winton, Mrs. D. N.  
 Wright, Mrs. Charles B.

**MISSISSIPPI***Nurse and Associate Nurse*

Belser, Mrs. Agnes B.  
 Breland, Gussie Inez  
 Compton, Mrs. C. H.  
 Crook, Violet  
 Driskell, Inez  
 Hood, Ida L.  
 Hopper, Mrs. B. M.  
 Lawrence, Sallie E.  
 Lonas, Mrs. Bertha Hood  
 McNeill, Virginia Alcan  
 Nall, Jessie B.  
 Osborne, Mary D.  
 Sanders, Pattie Ruth  
 Tannehill, Stella E.  
 Taylor, Emma D.  
 Truelove, Fay  
 Turner, Margaret  
 \*Wentworth, Dona

**MISSOURI***Nurse and Associate Nurse*

Alexander, Mrs. F. Judson  
 Allender, Mrs. Maude  
 Baird, Frances I.  
 Bergstrasser, Aline  
 Berry, Mary J.  
 Beyer, Minnie E.  
 Bjorback, Mrs. Esther A.  
 Blackburn, Victoria M.  
 Blockberger, Edna M.  
 Blume, Gladys  
 Boone, Gene Louise  
 Bosley, Mrs. Beulah E. C.  
 Brill, Mrs. Minnie B.  
 Brockman, Marie  
 Brooks, Edna V.  
 Bryant, Sallie J.  
 Burkart, Dora B.  
 Burton, Mrs. Essie J. D.  
 Buschmann, Lydia  
 Callahan, Mrs. Agnes W.  
 Casey, Mrs. Lenora F.  
 Chapman, Edith L.  
 Chapman, Olive A.  
 Chartrand, Margaret  
 Clark, Lucy E.  
 Cleland, Flora M.  
 Cockrell, Ethlyn  
 Cole, Mary E.  
 Cousley, Esther M.  
 Craig, Pauline  
 Cripe, Cora  
 Croom, Mrs. Lucile M.  
 Dacey, Phyllis M.  
 \*Dan, Masie M.  
 Daniel, Josephine L.  
 Dierson, Louise C.  
 Dobbins, Mrs. R. H.  
 Dolan, Mrs. Anna K.  
 Ehrenfeld, Rose M.  
 Engelman, Ida H.  
 Engle, Mrs. K. McC.  
 Evins, Lillian W.  
 Feike, Wilhelmina  
 Finney, Julia

Flanagan, Jannett G.  
 Franklin, Laura I. P.  
 Fulkerson, Mrs. Mildred P.  
 Gambol, Ruth C.  
 Garrett, Elizabeth Ann  
 Geissendorfer, S. Marie  
 Gekeler, E. Marie  
 Gloeckner, Antonie B.  
 Goldammer, Ida E.  
 Goldsmith, Josephine E.  
 Gordon, Pansy L.  
 Grannemann, Myrtle A.  
 Greenbusch, Mrs. Julia  
 Gregory, Ruth Irene  
 Grosswiler, Sophia K.  
 Hales, Lorena  
 Hall, Lulie T.  
 Hankal, Areatha  
 Hanson, Olga  
 Harkey, Sara Blodgett  
 Harris, Grace L.  
 Hartmann, Anna Louise  
 Hausman, Saidee N.  
 Hay, Mrs. Elsy S.  
 Heisler, Anna  
 Heitman, Mary J.  
 Holst, Kresse H.  
 Huber, Petronilla N.  
 Johnson, Mathilda  
 Jones, Margaret C.  
 Kauffin, Mrs. Willie O. W.  
 Keating, May  
 Keller, Mrs. Elizabeth  
 Keller, Pauline  
 Kennedy, Lois M.  
 Kennedy, Mary  
 Kiel, Charlotte F.  
 King, Mrs. Maude S.  
 Kirkwood, Edith M.  
 Knapp, Louise  
 Kottkamp, Katherine L.  
 Lackland, Nannie  
 Lacock, Edna  
 Laffin, Josephine  
 Laughlin, Blanche  
 Lee, Mrs. Bessie  
 Lefferty, Kathryn  
 Lepper, Mrs. Dorothy B.  
 Lewis, Cora  
 Lunbeck, Mrs. Zola S.  
 Lunt, Sallie A.  
 McCracken, Bess  
 McCrie, Mary  
 McDougal, Colota M.  
 McGreevy, Margaret  
 McIntyre, Irene  
 McIver, Pearl  
 \*McMillan, Mildred  
 McMurtrey, Genevra  
 Manger, Caroline A.  
 Marvin, Mabel R.  
 Metheny, Fern R.  
 Misegades, Julia M.  
 Mitchell, Flora  
 \*Mohs, Emma  
 Morrow, Mrs. Ethel W.  
 Mullin, Mrs. Grace Key  
 Murray, Mary E.  
 Nash, Myrtle J.

Nelson, Sophie C.  
 Nicholson, Gladys  
 Oberhelbmann, Olga  
 O'Donnell, Marie Shields  
 O'Flynn, Kathleen  
 Owens, Mrs. Carrie F.  
 Pabor, Julia S.  
 Palmer, Lucy  
 Parsons, Victoria  
 Payne, Maude E.  
 Phonosdall, Marion E.  
 Pritchett, Anne F.  
 Reynolds, Georgia E.  
 Ring, Mrs. Virginia Judge  
 Ross, Ruth  
 Ryan, Margaret Mary  
 Sander, Martha A.  
 Saunders, Mrs. Bettie L.  
 Scheriff, Anna L.  
 Schierenberg, Edna C.  
 Schott, Emily M.  
 Schuster, Ida A.  
 Schwartz, Mrs. Caroline E.  
 Shane, Flora  
 Sievert, Eleanor Holke  
 Sigerson, Mrs. Jeanette M.  
 Simon, Elizabeth Dean  
 Smith, Eva S.  
 Smyth, Sarah J.  
 Spilker, Margaret E.  
 Stahl, Mary Anna  
 Stebbins, Mary E.  
 Stephenson, Elsie E.  
 Stephenson, Mary E.  
 Strickler, Rose  
 Strobel, Minnie J.  
 Sutton, Erna May  
 Taylor, Lillian  
 Taylor, Susan A.  
 Textor, Helen  
 Thompson, Ruth  
 Thompson, Sue  
 Timberman, Mrs. M. H.  
 Tollefson, Maude  
 Torrington, Nina Powell  
 Trott, Lona L.  
 Tyzzer, Marion Roberts  
 Vaughan, Elsbeth H.  
 Ven Eman, Mrs. Beulah  
 Walker, Rose A.  
 Walsh, Josephine W.  
 Walter, Jewell  
 Walton, Alice A.  
 Watkins, Mrs. Edithe J.  
 Weaver, Catherine  
 Weber, Ida Lucritia  
 Westring, Virginia P.  
 Whalen, Nora E.  
 Wike, Martha R.  
 Wilburn, Lucy A.  
 Wiley, Margaret E.  
 Williams, Mary  
 Wilson, Vida M.  
 Winegar, Ruth I.  
 Witler, Mrs. Norma  
 Wolfe, Mary C.  
 Wretling, Alma  
 Wright, Eunice



**MISSOURI—Continued**  
*Nurse and Associate Nurse*

Yenicek, Mrs. Bertha I.  
Yolande, Annie  
Young, Eleanor M.  
Zeller, Mrs. B. F.

*Non-Nurse*

Carpenter, Mrs. George O.  
Forgrave, Mrs. L. R.  
Haskell, Mrs. John A.  
Saxton, Mrs. E. C.  
Smith, J. Herndon  
Wulfin, Mrs. John M.

**MONTANA***Nurse and Associate Nurse*

Braden, Isabel  
Campbell, Catherine  
Cowgill, Viva Myrtle  
Friederichs, Frances  
Hathaway, Mrs. Elizabeth  
Hopf, Minnie A.  
Kenney, Nellie  
Kenney, Winifred  
King, Cathren M.  
Lian, Aagot  
MacGregor, Katherine Jean  
Pauline, Agnes R.  
Rosman, Goldie  
Shoop, Ruth  
Sullivan, Frances M.  
Thomas, Margaret  
Vollmer, Frances R.  
Waring, Ann K.

**NEBRASKA***Nurse and Associate Nurse*

Ainsworth, Mrs. W. W.  
Batie, Ethel  
Beachly, Mrs. Belle  
Bengston, Nellie  
Bracken, Ruth  
Dabler, Mrs. Louise F.  
Gagne, Mrs. Anna L.  
Henderson, Mrs. Dora V.  
Higgins, Cora E.  
Holdredge, Leeta A.  
Jaske, Mrs. Lillian B.  
Joos, Gertrude Elizabeth  
Jungles, Margaret C.  
Kreizenbeck, Katherine M.  
Lisius, Mrs. R. H.  
MacOwan, Amy  
Morris, Hilda  
Newman, Ada Ann  
Nicklin, Mrs. Mabel P.  
Patterson, Harriet  
Peterson, Euphemia  
Pope, Pearl  
Schmeeckle, Lydia  
Schrader, Emily A.  
Stevens, Nellie I.  
Stuff, Lillian B.  
Thor, Frida S.

Vybiral, Mary C.  
Westermann, Mrs. Max  
Whitcomb, Mrs. C. T.

**NEVADA***Nurse and Associate Nurse*

Lee, Mrs. Sadie P.  
Reagh, Mayme L.  
Warner, Mrs. Mildred  
Wettlaufer, Adele

**NEWFOUNDLAND***Nurse and Associate Nurse*

Graham, Ethel Gordon  
Loder, Mona I.

**NEW HAMPSHIRE***Nurse and Associate Nurse*

Armstrong, Elsie C.  
Bacon, Esther F.  
Boyd, Mary  
Chase, Adaline  
Clement, Fannie F.  
Clough, Anna M.  
Colburn, Lila M.  
Crough, Elena M.  
Davis, Mrs. Mary D.  
Finn, Frances  
Gibson, Elizabeth  
Hapgood, Delia B.  
Hay, Kathleen  
Hyde, Frances  
Johnson, Ethel P.  
Kelly, M. Jean  
Laycock, Alice M.  
Lord, Mrs. Merle R.  
Miller, Anna L.  
Murray, Elizabeth  
Nelson, Eva M.  
Patten, Martha A.  
Sanderson, Blanche E.  
Sawyer, Ethel F.  
Seavey, Alice M.  
Seiler, Frances W.  
Stearns, Mary  
Strum, Laura J.  
Webber, Harriet B.  
Wheeler, Florence M.  
Wilkinson, Julia P.

*Non-Nurse*

Brown, Mrs. O. B.  
Dickerman, E. Gertrude

**NEW JERSEY***Nurse and Associate Nurse*

Allen, Emma L.  
Armstrong, Gertrude E.  
Atwell, A. Eugenie  
Babcock, Elizabeth  
Bartels, Hilda Barbara  
Baumann, Elvena A.  
Bedard, Beatrice Marie

Behrbohm, Jennie E. L.  
Bell, S. Cordelia  
Belyea, Ella A.  
Bendinger, Anna M.  
Benoit, Clara R.  
Bergman, Mrs. Jennie S.  
Bevan, Mrs. W.  
Boyer, Alice F.  
Brackbush, Jane F.  
Brockelmann, Elsie M.  
Buck, Frances S.  
Burr, Mrs. Jessie L.  
Calley, Ann  
Cameron, Katherine  
Cedarstrand, Constance  
Chetwood, Virginia M.  
Christie, Clara G.  
Colvin, Grace E.  
Cook, Harriet B.  
Cook, Jane Gauge  
Coughlin, Mrs. M. B.  
Cowen, Mary J.  
Cowdrick, Sarah Connon  
Cragin, Elvira E.  
Crawford, Anne Lothrop  
Creveling, Jane M.  
Curtis, Ruth Barstow  
Dakin, Florence  
Darlington, Eva  
Davis, Mrs. Gertrude M.  
Dennis, Frances A.  
Dillon, Mary E.  
Donovan, Josephine  
Dowling, Marion G.  
Drake, Mrs. Ella  
Drow, Alta  
Dubs, Eugenia V.  
\*Dyer, Pauline T.  
Ebbitt, Catherine C.  
Eddy, Eugelia D.  
Edgecomb, Mary E.  
Elwell, Lorana Laws  
\*Endicott, Grace M.  
Evans, Ethel C.  
\*Everhardt, Mrs. Ruth  
Ewing, Anna A.  
Faison, Mrs. Evelyn  
Fenimore, Martha E.  
Fenwick, Anna E.  
Fisher, Magdalene E.  
Fithian, Harriet R.  
From, Mrs. Ethel  
Furr, Mrs. Blanche Kamp  
Gaddis, Elizabeth D.  
Gallagher, Anne  
Gambrill, Mrs. Elsie Lewis  
Gillim, Mrs. Edna G.  
Grannatt, Carol B.  
Green, Bessie M.  
Hall, Sydney  
Hammond, Mabel A.  
Harjes, Anna Smith  
Harris, Irene L.  
Hauss, H. Gretchen  
Hermann, Mrs. H. J.  
Hewitt, Isabel R.  
Hickey, Margaret  
Hoffman, Mrs. Harry C.  
Hogan, Emma Frances

**NEW JERSEY—Con.***Nurse and Associate Nurse*

Hollway, Ethel  
 Honey, Jane  
 Horne, Grace Powell  
 Huff, Katherine  
 Huggan, Ellen P.  
 Husk, Mrs. Thomas S.  
 Jennings, Rita  
 Johnson, Florence M.  
 Johnson, Frieda E.  
 Johnson, Lillian P.  
 Johnson, Mary  
 Johnson, Minnett C.  
 Kearney, Clara M.  
 Keatley, Marion Jean  
 Kerchenfaut, Kathryn  
 Kincaid, Katherine A.  
 Kinney, Cora  
 Kraker, Theresa  
 Kreps, Anna C.  
 Latus, Lillian V.  
 LeMar, Mrs. Ethel Jackson  
 Leonard, Anna L.  
 Lister, Hannah  
 Lough, Martha E.  
 Lyon, Mrs. Marguerite F.  
 McCabe, Mrs. Mildred T.  
 McDermott, Mary S.  
 McHugh, Loretta A.  
 McKinley, C. Blanche  
 McKnight, Eliza  
 McLeod, Emma Rae  
 Macauley, Irene Margaret  
 Mann, Maude Frances  
 \*Marchant, Mrs. Elizabeth  
 Marks, Besse C.  
 Marvel, Rose B.  
 Meirs, Linda  
 Millar, Elizabeth M.  
 Miller, Annie  
 Miller, Grace M.  
 Millikin, Bessie  
 Moore, Hattie B.  
 \*Muggah, Cora L.  
 Mulholland, Margaret L.  
 Nelson, Lucy C.  
 Nelson, Mary Carter  
 Nicholson, Jane D.  
 Nielsen, Marie  
 Niles, Harriet  
 Ogilvie, Nellie  
 Oliphant, Mary Welch  
 Orr, Margaret J.  
 Osborn, Mrs. Katherine  
 Ott, Mrs. Katherine  
 Park, Jessie F.  
 Patterson, Elsie T.  
 Peters, Mrs. Edith W.  
 Pierce, Margaret B.  
 Plummer, Wilhelmina  
 Rehm, Dorothy D. T.  
 Reichenbach, Mrs. Evelyn  
 Reid, Mrs. Henrietta F.  
 Remshard, Grace P.  
 \*Rice, Dorothy  
 Richardson, Beatrice  
 \*Robson, Grace M.

Rogers, Elsie I.  
 Rose, O. Grace  
 Rude, Lela S.  
 Schermerhorn, Mabel A.  
 Seifert, Hettie W.  
 Sinclair, Lillian M.  
 \*Smith, Elizabeth F.  
 Smith, Maude W.  
 Smylie, Mrs. Margaret S.  
 Soutar, Jessie A.  
 Squire, Marietta B.  
 Stephen, Helen  
 Struble, Adelaide P.  
 \*Stryker, Clara R.  
 Symthe, Eva L.  
 Tappen, Miriam H.  
 Taylor, Mrs. Helen M.  
 Telfer, Mildred  
 Thirkell, Sarah A.  
 Thomas, Emma F.  
 Troxell, Reba A.  
 VanDerVeer, Harriet  
 Wakeman, Laura L.  
 Walden, Laura J.  
 Weir, Della S.  
 Weir, Mary A.  
 Welsh, Mrs. Alice G.  
 Wetherill, Anna H.  
 Wheeler, Ruby  
 Whitcroft, Margaret M.  
 Whitlow, Jane W.  
 Wick, Jennie G.  
 Wickham, Helen Florence  
 Wilday, Grace  
 Wildman, Bertha E.  
 Williams, Margaret E.  
 Wilson, Emma  
 Wilson, Mrs. Reba E. T.  
 Woodruff, Laura H.  
 Young, Harriet F.

*Non-Nurse*

Boettger, Mrs. Theo.  
 Bradley, F. Chester  
 Carpender, Mrs. Sydney B.  
 Colgate, Mrs. Russell  
 Ferris, Mrs. W. D.  
 Graham, Mrs. George A.  
 Hewson, James H.  
 Jacobs, Dr. Philip P.  
 Kerr, Robert C.  
 Mitchell, Mrs. Clarence B.  
 Moore, Mrs. Paul  
 Pierson, Margaret H.  
 Pitney, Mrs. J. U. H.  
 Scudder, Mrs. Wallace M.  
 Simons, Kate R.  
 Thompson, Mrs. Lewis S.  
 Turnbull, Mrs. Arthur  
 Young, Mrs. Roger  
 Young, Mrs. Stuart A.

**NEW MEXICO***Nurse and Associate Nurse*

Anderson, Dorothy R.  
 Braun, Matilda V.  
 Council, Mrs. Matilde I.

Dickerson, Clara L.  
 Duggan, Elizabeth  
 Ferguson, Mrs. C. H.  
 George, Hilda May  
 Harris, Mittie M.  
 Hodgson, Edith  
 Leggett, Alma E.  
 Lips, Bertha  
 McClintock, Florence S.  
 McGowan, Teresa A.  
 Metzger, Amanda  
 Moore, Ruth  
 O'Flynn, Molly  
 Oglesby, Mrs. Dora B. M.  
 Sundt, Julia R.  
 Welch, Ada L.  
 \*Wilkinson, Mrs. M. K.  
 Wise, Carrie D.

**NEW YORK***Nurse and Associate Nurse*

Abbey, Edna M.  
 Ackley, Mrs. Jessie E.  
 Adams, Mrs. R. E.  
 Aldrich, Mrs. Jane Jacobs  
 Alexander, Flora Agnes  
 Allen, Edith L.  
 Allen, Frances E.  
 Allen, Grace Elizabeth  
 Allen, Jane  
 Allerdice, Mary E.  
 Allison, Lena Iva  
 Allwein, E. Gertrude  
 Amazeen, Florence B.  
 Ames, Miriam Adelaide  
 Anderson, Mrs. Florence E.  
 Anderson, Grace L.  
 Anderson, Grace Levering  
 Anderton, Laura  
 Appleton, Mrs. Ruth  
 Atchison, Ellen M.  
 Atkinson, Lily Dale  
 Austin, Mildred  
 Austin, Nellie M.  
 Bachman, Eugenia L.  
 Baidon, Bertha  
 Bailey, Mrs. Florence  
 Baker, Nelle E.  
 Baker, Mrs. Victor  
 Ball, Mrs. D. H.  
 Barrett, Mrs. Naomi E.  
 Bayley, Ellen L.  
 \*Beals, Dorothy  
 Beardsley, Mabel  
 Beazley, Ada  
 Beede, May McG.  
 Beard, Jessie L.  
 Behrens, Christina  
 Belikoff, Mary  
 \*Bell, Elnora Baker  
 Bell, Jessie M.  
 Bennett, Mrs. Alma L.  
 Bergin, Winifred  
 Berry, Bertha B.  
 Berry, Maude Anne  
 Betts, Irene S.  
 Beyers, Minnie

**NEW YORK**—Continued  
*Nurse and Associate Nurse*

- Blaine, Lela Rebecca  
Blizard, Carrie M.  
Blomquist, Lillian  
Bloom, Marion  
Bloomer, Nellie  
Bolsi, Sophie  
Bolton, Monica  
Bonenblust, Mary K.  
Boorum, Mabel M.  
Boote, Jane  
Boothe, Stella  
Boulard, Frances C.  
Boyesen, Boletta E.  
Boyle, Mrs. Mary  
Bozarth, Beatrice  
Brackbill, Pearl E.  
Brackett, Elizabeth R.  
Brant, Fannie A.  
Brauchle, Mabel  
Breese, Margaret W.  
Brennan, Helen C.  
Brennan, Mabel L.  
Brenner, Anna C.  
Breeze, Dorothy Hewton  
Bridgeford, Edna G.  
Briggs, Grace  
Brink, Frances V.  
Brockway, Mrs. Fred J.  
Brodie, Helen C.  
Brown, Eleanor B.  
Brown, Florence A.  
Brown, Margaret M.  
Brown, Mary Magoun  
Brown, Marguerite E.  
Brownell, Mary A.  
Bryan, Mrs. Ida C.  
Buchanan, Sarah F.  
Buck, Dorothy F.  
Buckman, Majorie M.  
Bull, Elizabeth Greene  
Bullock, Clara R.  
Bumpster, Teresa C.  
Burgess, Elizabeth C.  
Burns, Sara  
Bush, Ethel S.  
Butler, Edna  
Butler, Rose K.  
Calder, Jessie L.  
Callaway, Mrs. Lillian  
Cameron, Violet Hay  
Campbell, Laura Jane  
Carlyle, Emma  
Carnahan, Mary  
Carr, Ada M.  
Carroll, Alice E.  
Carson, Emeline  
Casey, Maude  
Casten, Helen M.  
Catlin, Helen  
\*Chadwick, Mary E.  
Chance, Louise  
Chisholm, Mrs. Adelaide B.  
\*Church, Elizabeth M.  
Cieslak, Ida  
Clark, Hattie M.  
Clark, Jean M.  
Clarke, Mrs. Chas. J.  
Cleaver, Amy F.  
Clendinning, Sarah Abigail  
Cleveland, Ida T.  
Clough, Inez M.  
Coleman, Grace M.  
Coleman, Lena M.  
Coleman, Marjorie Macy  
Colwell, Louise  
Combs, Mary H.  
Comerford, Josephine A.  
Conawari, Annie  
Congo, Louise E.  
Conlon, Anna I.  
Conner, Bernice  
Connor, Helene G.  
Conover, Alice B.  
Cookingham, Mrs. T. F.  
Cooper, Bertha C.  
Cooper, Cathlena A.  
Copeland, Edna  
Corbin, Hazel I.  
Cornwell, Katherine M.  
Cotton, L. Grace  
Coutu, Laura H.  
Crandall, Ella Phillips  
Creagh, Minnie E.  
Criste, Marion L.  
Crockett, Eva E.  
Cross, Emma R.  
Cruikshank, Mrs. Doris  
Culver, Elizabeth M.  
Cushing, Sabina V.  
Cushman, Ruth  
Dainoff, Bella  
Dalton, Lenna  
Daniels, Marie L.  
Davidson, Edith G.  
Davis, Mrs. Elizabeth  
Davis, Mrs. Elizabeth A.  
Davis, Mary Thornton  
Deane, Myrtle  
Deans, Agnes G.  
Derrick, Gladys L.  
Deutsch, Naomi  
Devers, Susan L.  
Dickerman, Mary C.  
Dines, Alta Elizabeth  
Dobbs, Dorothy  
\*Dolan, Mary  
Donaldson, Bessie M.  
Donnelly, M. Evelyn  
Dooley, Ethyll  
Doughty, Erma S.  
Doughty, Nellie A.  
\*Dowdle, Grace Seyter  
Dowling, Mary T.  
Doyle, Mary A.  
Doyle, Mary E.  
Dudley, Flora I.  
Duffy, Mary E.  
Duke, Mrs. T. J.  
Dunn, Mary J.  
Durgee, Christine B.  
Durham, Mrs. Mary McA.  
Durkin, Amy M. M.  
DuWaldt, Emma  
Eastland, Bertha  
Eckard, Mrs. Margaret J.  
Ehrlicher, Charlotte  
Eklund, Hjordis  
Elderkin, Mary  
Elish, Cecilia  
Ellis, Olivia  
Evans, Agnes M.  
Ewald, Lillian  
\*Fagan, Katherine  
Fahrquhar, Margaret  
Farley, Frederika  
Farmer, Kathleen V.  
Feldman, Katherine J.  
Fellows, Clara Emma  
Ferguson, Margaret E.  
Fisher, Agnes L.  
Fisher, Ruth  
Fiske, Lena M.  
Fitzgerald, Mary Catherine  
Fitzpatrick, Elizabeth F.  
Fleischhauer, Elsa  
Flower, Lydia M.  
Foote, Edith H.  
Forsyth, Winifred M.  
Fort, Harriet Jenks  
Foster, Julia M.  
Fowles, Florence B.  
Fox, Susanna  
Franz, Bertha  
Freeman, Florence  
Freligh, Lisle P.  
French, Lucy C.  
Fritz, Clara R.  
Fullerton, Thomina  
Furman, Dorothy  
Gamble, Laura A.  
Gamble, Lucile  
Gardner, Joan T.  
Garvey, Mary E.  
Gaylo, Frances  
Geissinger, Estelle M.  
Geister, Janet M.  
Gibbons, Bertha H.  
Gilbert, Elsie E.  
Gillett, Grace B.  
\*Giltnow, Ethyl  
Glokner, Wilhelmina  
Gloer, Minnie Hilbert  
Gloster, Edna M.  
Glynn, Marie C.  
Goldgar, Rachel  
Golly, Mrs. Beatrice D.  
Golly, Eleanor Hazel  
Gomes, Mrs. Mary  
Goodenough, Florence E.  
Gould, Beulah L.  
Granger, Edith  
\*Grant, Julia M.  
Grauf, Carrie F.  
Gray, Katherine C.  
Greene, Clara  
Greener, Elizabeth A.  
Gregg, Elizabeth  
Gribble, Minnie W.  
Gridley, Eunice  
Griggs, Mrs. L. H.  
Grover, Mrs. Ava I.  
Grunewald, Olga A.  
Gunner, Edith M.  
Haehnlen, Alice

**NEW YORK**—Continued  
*Nurse and Associate Nurse*

- Hagelwide, Lilian B.  
 Hahn, C. Viola  
 Haight, Mary  
 Haines, Bertha L.  
 Hall, Ida May  
 Hallahan, Mary  
 Hanse, Lorane B.  
 Hansen, Mrs. A. L.  
 Hansen, Louise M.  
 Harrigan, Mary  
 Harrington, Winifred  
 Harris, Marion B.  
 Hatch, Katherine G.  
 Hatcherson, Mary R.  
 \*Hathaway, Mary E.  
 Hawkins, Ethel E.  
 Hay, Catherine B.  
 Hayes, Helen C.  
 Haynes, Mary L.  
 Hays, Frances G.  
 Healy, Mary M.  
 Heaton, Percie  
 Heck, Nellie G.  
 Henderson, Edna L.  
 Henneberger, Edwina  
 Henry, Annie H.  
 Hess, Violet  
 Hicks, Alice Williams  
 Hidden, Carolyn M.  
 Higgins, Loretta A.  
 Hilke, Cordelia H.  
 Hill, Mrs. Claribel G.  
 Hill, Ella W.  
 Hill, Gertrude  
 Hitchcock, Jane E.  
 Hixson, Elsie B.  
 Hobson, Aimee M.  
 Hodgman, Gertrude E.  
 Hodgson, Mrs. Margaret  
 Hoffman, Mrs. Rebecca F.  
 Hoffman, Wilhelmina T.  
 Hogan, Alice  
 Hohenfeld, Harriet M.  
 Hoiles, Bee S.  
 Holcombe, Elizabeth M.  
 Holland, Mary F.  
 Hooley, Anna T.  
 Hopkins, Eleanor Irene  
 Horn, Mrs. Frances E.  
 Horr, Elsa M.  
 Horton, Caroline E.  
 Hosmer, Gertrude F.  
 Houston, Cecilia P.  
 Howarth, Mrs. Irene L.  
 Howland, Clarissa M.  
 Hritz, Anna E.  
 Hubbard, Mrs. Keith  
 Hubbard, Ruth Weaver  
 Hudson, Lillian  
 Huen, Gertrude Helen  
 Hulsizer, Mary B.  
 Hummel, Gertrude M.  
 Hunt, Vera E.  
 Huntsman, Catherine  
 Hurd, Clara L.  
 Husing, Mabel A.  
 \*Hyde, Margaret  
 Irish, Madeline L.  
 Irwin, Clyde K.  
 Irwin, Florence  
 Ives, Lucy M.  
 Jackson, Hazel C.  
 Jackson, Leona Victoria  
 Jacobson, Agnes  
 Jean, Frances E.  
 Jean, Sallie Lucas  
 Jelal, Mrs. Matilda  
 Jenkin, A. Olive  
 Joaquin, Lucy L.  
 Johansen, Maren  
 Johnson, Elin W.  
 Johnson, Florence M.  
 Johnson, Mrs. Grace K.  
 Johnson, Helena C.  
 Johnson, Helga  
 Johnson, Mrs. Katherine D.  
 Johnson, Laura M.  
 Johnston, Margaret  
 Jones, Mrs. Gwladys  
 Jones, Lilly Carey  
 Jordan, Nettie B.  
 Joy, Genevieve  
 Joy, Jemma M.  
 Joyce, Margaret  
 Kahle, Emma L.  
 Keffe, Mary E.  
 Kehl, Helen M.  
 Keiber, Louise Josephine  
 Keller, Mary Frances  
 Kelly, Mrs. Anna T.  
 Kelm, Lillian A.  
 Kendall, Marie A.  
 Kennedy, Jane S.  
 Kenny, Catherine M.  
 Kenny, Mary M.  
 Kersner, Frances  
 Kiernan, Frances F.  
 King, Bessie N.  
 King, Grace  
 King, Ruth H.  
 Klein, Mrs. Tessa M.  
 Knowlton, Dorothy M.  
 Kuhlman, Mathilde S.  
 Kuhnle, Mrs. Henrietta T.  
 Kuqua, Mrs. Juliana T.  
 Kurtz, Alice T.  
 LaGassick, Anna M.  
 Lahr, Katherine Eva  
 Laird, Mary F.  
 LaMalle, Mrs. Helen C.  
 Lambert, Jessie  
 LaMotte, Ellen M.  
 Landau, Mrs. Annie E.  
 Lane, Marie E.  
 Lauterbach, Elizabeth F.  
 Laverie, Flora H.  
 Lavier, Bessie M.  
 L'Ecluse, Bessie S.  
 Lee, Henrietta M.  
 Lee, Katherine  
 Leefe, Carolyn S.  
 Leete, Harriet L.  
 Lewis, Eleanor W.  
 Lindheimer, Elizabeth  
 Lindholm, Marga  
 Lissauer, Fanny  
 Lloyd, Harriet D.  
 \*Lowry, Muriel V.  
 Luckman, Alma M.  
 \*Lule, Mary F.  
 Lundelius, Stella  
 Lunney, Minnie E.  
 Lusk, Consuelo M.  
 Lutz, Winnie E.  
 Lynch, Letitia Eleanor  
 Lynch, Louise E.  
 Lynch, Mary Agnes  
 McCarthy, Mary C.  
 McCormick, Madeline A.  
 McCormick, Mary  
 McCort, Margaret  
 McCulley, Frances M.  
 McDonnell, Catherine  
 McDowell, Elizabeth J.  
 McGuire, Mabel L.  
 McKinney, Mrs. Genevieve  
 McLean, Mrs. Florence D.  
 McLean, Virginia M.  
 McManus, Jeanette S.  
 McMurtrie, Mrs. Grace  
 McNamara, Anna  
 McNerny, Wilhelmina  
 McPhail, Anne Ballantyne  
 McShane, Katherine  
 McVean, Jessie H.  
 \*McVey, May  
 MacCabe, Elizabeth  
 Macdonald, Mary G.  
 MacDougall, Eva F.  
 MacDowall, Mrs. Ellen G.  
 MacGregor, Annie  
 MacKenzie, Christina  
 Mackey, Frances S.  
 MacLaren, Mrs. Grace M.  
 MacPhillips, Julia  
 Magee, Leone M.  
 Mahar, Nellie Z.  
 \*Mahoney, Elizabeth B.  
 Mahoney, Mrs. Mina S.  
 Mahony, Helen T.  
 Mahshigion, Diroohi  
 Mansfield, Arline R.  
 Markel, Mrs. Rose  
 Martin, Agnes J.  
 Martin, Alberta M.  
 Martin, Clara E.  
 Masseth, Bessie  
 Matheson, Alexandria  
 Mathieu, Mrs. Edward  
 Matson, Mrs. Elizabeth E.  
 Mattern, Anna M.  
 May, Marion  
 Mayer, Victoria C.  
 Maynard, Agnes E.  
 Mead, Melvina I.  
 Meehan, Ada G.  
 Menah, Eleanor J.  
 Meyer, Frances Helen  
 Miklitsch, Marie M.  
 Miller, Elinor  
 Millrea, Helen S.  
 Minet, Elsie E.  
 Monroe, Lucile D.

**NEW YORK**—Continued  
*Nurse and Associate Nurse*

- Montello, Mrs. Lillian  
 Moore, Edna Lena  
 Moore, Mrs. F. Marion  
 Moore, Lillian M.  
 Morgan, Mabel L.  
 Morgenstern, Bertha  
 Moritz, Elizabeth M.  
 Morrison, Mrs. Edith K.  
 Morrison, Grace E.  
 Morse, Mrs. H. B.  
 Moses, Florence A.  
 Moss, Helen E.  
 Mosson, Mary D.  
 Muller, Theresa G.  
 \*Mullin, Gertrude  
 Munsell, Elizabeth V. A.  
 Murphy, Katherine  
 Murphy, Katherine M.  
 Murphy, L. M.  
 Murray, Sara S.  
 Myers, Emma J.  
 Nabit, Minnie D.  
 Nagel, Rose  
 Nash, Mrs. Louise  
 Nelson, Mrs. Anne E.  
 Nelson, Hilga S.  
 Neukom, Anna M.  
 Nichols, Margaret J.  
 Nicols, Margaret F.  
 Noar, Julia  
 Nodwell, Mabel Lavina  
 Noon, Mrs. Winifred  
 Norton, Marguerite  
 Norwich, Margaret A.  
 Novogrod, Louise C.  
 Nuno, Christine M.  
 O'Connor, Margaret E.  
 Oggeson, Mabel L.  
 O'Leary, Helen  
 Olmsted, Sarah C.  
 O'Meara, Sarah  
 O'Neil, Lillian M.  
 O'Neill, Teresa  
 Orth, Helen S.  
 Osborne, Beulah S.  
 Oschukewite, Nina B.  
 Osterhout, Helen H.  
 O'Sullivan, Anna  
 Oswald, Edith A.  
 Owens, Christina  
 Palmer, Edna May  
 Palmer, Jessie Caroline  
 Palmer, Mrs. Rachael M.  
 Parmele, Eliz.  
 Partikian, Nuvart  
 Pasko, Helen I.  
 Peadro, Bernice F.  
 Penton, Anna E.  
 Perry, Marion L.  
 Peters, Elsie D.  
 Peters, Mildred E.  
 \*Peterson, Ella B.  
 Petrie, Cecelia  
 Pettee, Catherine Adele  
 Pettee, Cynthia L.  
 Pfefferkorn, Blanche  
 Phelan, Mrs. Mary Sutton  
 Phelps, Mabel W.  
 Philbin, Edith M.  
 Phillips, Ethel  
 Phillips, Ethel M.  
 Pick, Mrs. Anna L.  
 Pitman, Charlotte E.  
 Platt, Berneta N.  
 Platt, Dorothy  
 Platt, Virginia E.  
 Pless, Marie A.  
 Poole, Adelaide R.  
 \*Pournin, Juliette Louise  
 Poyser, Mrs. Harold E.  
 Pratt, Mrs. John H.  
 Prescott, Josephine V.  
 Price, Clara R.  
 Prindle, Henrietta V.  
 Prisch, Jessie T.  
 Proctor, Mrs. Theresa H.  
 Provost, Mrs. Davis A.  
 Pugh, Mrs. Mildred  
 Purdy, Ella L.  
 Purdy, Jean E.  
 Quintavin, Mary Frances  
 Quinlan, Lilly M.  
 Race, Ethel V.  
 Raushenbush, Mrs. H. S.  
 Raymond, Mrs. Ruth  
 Reader, Mary E.  
 Rearwin, Rita L.  
 Reed, Mrs. Clara M.  
 Rees, Bertice A.  
 Reese, Edna  
 Regan, Madeline  
 Reimann, C.  
 Rennert, Elizabeth  
 Rewalt, Mrs. Grace D. H.  
 Rieser, Mrs. Cornelia  
 Riffel, Elizabeth  
 Riley, Elizabeth  
 Rising, Harriet E.  
 Ritner, Florence  
 Robb, Genevieve I.  
 Roberts, Mary B.  
 Roberts, Mary M.  
 Robertson, Elsie  
 Robertson, Maude  
 Robinson, Ethel F.  
 Robinson, Jessie H.  
 Robson, Emilie G.  
 Rockstroh, Edna C.  
 Rogers, May Graham  
 Rottger, Clara I.  
 Rouse, Mrs. E. F.  
 Rubelle, Mrs. Gertrude C.  
 Russ, Mrs. Hermon  
 Ryan, Anastasia  
 Sackett, Ada M.  
 Sabatino, Esther  
 Salisbury, Gladys Harriet  
 Salmon, Jeannette B.  
 Sanford, Catherine  
 Sander, Elsie B.  
 Sanford, Mrs. Erskine  
 \*Sauerlander, Gertrude  
 Schied, Eva M.  
 Schorb, Dorothy  
 Schott, Helen E.  
 Schuesler, Helen M.  
 Scott, Dorothy P.  
 Scott, Kathleen M.  
 Scott, Mary Blanchard  
 Setchanove, Mrs. Emily D.  
 Shannon, Mrs. Sara A.  
 Sheehan, Marion W.  
 Sheffield, Jane  
 Sheridan, Mary I. B.  
 Sherwood, Louise  
 Shiels, Helen C.  
 Shinn, Grace A.  
 Sibbet, Rachael  
 Siefert, Katherine  
 Simpson, Beulah  
 Sinclair, Helen C.  
 Sinnott, Gertrude M.  
 Sirnis, Emily  
 Siry, Theresa  
 Slutsky, Charlotte  
 Smith, Ada  
 Smith, Anna R.  
 Smith, Caroline R.  
 Smith, Mrs. Frankie F.  
 Smith, Gertrude R.  
 Smith, Mrs. Jessie M.  
 Smith, Mabel E.  
 Snyder, Emma G.  
 Soder, Laura M.  
 \*Sohlen, Vera Matilda  
 Solomon, Anna  
 Spanner, Bessie B.  
 Squire, Bessie M.  
 Steeves, Maud E.  
 Steiger, Ida M.  
 Stetson, Mrs. Philip  
 Stevens, Anne A.  
 Stevenson, Mary Agnes  
 Stewart, Helena R.  
 Stewart, Mabel B.  
 Stewart, Nan  
 Stilwell, Mildred Luella  
 Stone, Frances A.  
 Stout, Alice Elizabeth  
 Stringer, Elizabeth  
 Strohman, Minna  
 Stumbles, Gertrude  
 Sudo, Maya I.  
 Sullivan, Lena E.  
 Sutherland, Christine C.  
 Swackhamen, Alice Lucy  
 Swaine, Edith  
 Swan, Mary E.  
 Taksen, Sarah  
 Tarello, Anne V.  
 Tashjian, Haiganoush  
 Tate, Maud Elizabeth  
 \*Taylor, Florence E.  
 Tebbutt, Clara M.  
 Tennant, Mary Elizabeth  
 Terwilliger, H. Claire  
 Thien, Caroline H.  
 Thom, Lillian  
 Thomas, Annie Mabel  
 Thomas, Mrs. Frank S.  
 Thomen, Dorothy  
 Thoms, Mrs. Adah B.  
 Tierney, Mrs. Mary A.  
 Tietsworth, Carrie A.



**NEW YORK**—Continued*Nurse and Associate Nurse*

Tipple, Gladys V.  
 Tittman, Anna L.  
 Tomlinson, Mayanna B.  
 Tracy, Minnie F.  
 \*Trahan, Josephine E.  
 Tremper, Beatrice  
 Trow, Annie B.  
 Truesdale, Isabella  
 Truesdale, Maude E.  
 Tuell, Josephine  
 Tweeten, Bertha  
 Tylski, Stella T.  
 Ulmer, Elizabeth  
 Upton, Ruth M.  
 Vail, Eloise V.  
 Valentine, Nora C.  
 Van Blarcom, Carolyn C.  
 Vanden Broek, Gertrude  
 Vanden Broek, Gertrude M.  
 Van Derzee, Lola  
 Van Etten, Gertrude  
 Van Geyt, Rose  
 Van Wagenen, Grace  
 Vassie, Margaret B.  
 Versteeg, Johanna  
 Vickers, Elizabeth C.  
 Vincent, Lucy J.  
 Vogler, Gertrude L.  
 Vollbracht, Hattie M.  
 Vonder-Born, Adelaide M.  
 Wadley, Mary  
 Wahl, Gertrude  
 Waite, Mary  
 Wakely, Martha V.  
 Wald, Lillian D.  
 Waldorf, Frances M.  
 Wales, Marguerite  
 Walker, Charlotte  
 Walker, Edith M.  
 Walker, Norma T.  
 Wallace, Mrs. Emily F.  
 Wallace, Mrs. Helen McK.  
 Wallace, Theresa May  
 Walsh, Mary A.  
 Ward, Moira M.  
 Waring, Mrs. J. L.  
 Warner, Helen  
 Warner, Vera B.  
 Warrant, Cora  
 Washburn, Hattie M.  
 Waterbury, Ruth C.  
 Watson, Helen R.  
 Wayne, Madeline  
 Weaver, Mary P.  
 Weber, Dorris  
 Weiler, Mrs. Florence S.  
 Weiner, Mrs. Marie H.  
 Weiss, Mary Martha A.  
 Welsh, Mabelle S.  
 Wertheimer, Lola  
 Weston, Alice B.  
 Wetherald, Dorothy Phelps  
 Wexler, Ella A.  
 Wheeler, J. W.  
 Wheeler, Margaret M.  
 Whipple, Mary J.

White, Helen I.  
 Whitmore, Mrs. K. B.  
 Whyte, Ada M.  
 Wickenden, Mrs. H. E.  
 Wiedrich, Fern L.  
 Wiedrich, Stella E.  
 Wight, Winifred  
 Williams, Alida  
 Williams, Bertha M.  
 Williams, Bessie A.  
 Williams, Blanche W.  
 Williams, Grace F.  
 Williams, Mrs. Louise B.  
 Willingale, Mary S.  
 Wilson, Etta R.  
 Wilson, Genevieve  
 Wilson, Janet L.  
 Winey, Nellie L.  
 Wiquist, Cecile A.  
 Wise, Margaret  
 Wolff, Clothilde A.  
 Wood, Agnes C.  
 Wood, Ruth B.  
 Wood, Ruby E.  
 Woodruff, Mary C.  
 Wright, Mrs. Carolyn M.  
 Wright, Katherine T. S.  
 Wylde, Mrs. Kathleen W.  
 Wyman, Mrs. Bessie Ellen  
 Yeager, Anna M.  
 Youmans, Anna Grace  
 Young, Maude E.  
 Zabriskie, Louise  
 Youngman, Ethel  
 Zelekowitch, Bessie E.  
 Zimmerlund, Minnie  
 Zurawski, Helen M.

*Non-Nurse*

Achelis, Fritz  
 Adams, William P.  
 Allen, Mrs. George W. H.  
 Allen, J. D.  
 Amory, Mrs. Copley  
 Anderson, Mrs. John  
 Andrews, Charles Lee  
 Arnold, Mrs. B. W.  
 Arnold, Mary  
 Arnstein, Leo  
 Atkins, Annie G.  
 Babbott, Frank L.  
 Bailey, Mrs. Frank  
 Behr, Anna K.  
 Bier, Mrs. Sylvan  
 Blake, Louise  
 Blumenthal, George  
 Bossart, Mrs. L.  
 Bronson, Theodore L.  
 Brown, Franklin Q.  
 Browne, Gilbert G.  
 Brower, Henry W.  
 Bruce, Jessica  
 Burns, A. L.  
 Butler, Mrs. Charles B.  
 Butterick, Mary E.  
 Carnegie, Mrs. Andrew  
 Chanute, Mrs. E. C.  
 Chapin, Simeon B.

Chapman, Mary W.  
 Cheney, George L.  
 Choate, Mabel  
 Chubb, Percy  
 Clark, Harold B.  
 Clark, Mrs. J. William  
 Colgate, William  
 Colt, Mrs. Richard C.  
 Converse, Alice Page  
 Cowee, Mrs. H. D.  
 Crane, H. M.  
 Cutter, Ralph L.  
 Danforth, Mrs. H. G.  
 Davol, Mrs. F. H.  
 Dayrell, Mrs. H. G. B.  
 DeForest, Johnston  
 DeForest, Robert W.  
 Dewey, Elizabeth  
 Dinwiddie, Courtenay  
 Dodge, Mrs. Cleveland H.  
 Dreier, H. E.  
 Dunham, Mrs. Edward R.  
 DuVal, Mrs. Guy  
 Edwards, Edith  
 Elliman, Douglas L.  
 Elmhirst, Mrs. Leonard K.  
 Erlanger, Abraham  
 Fahnestock, G. D.  
 Field, Mrs. W. D. C.  
 Filley, Oliver D.  
 Finch, Henry L.  
 Fischer, Mrs. F. G.  
 Fish, Julia A.  
 Frothingham, Mrs. J. S.  
 Fullam, Mrs. F. L.  
 Garver, C. B.  
 Garver, Mrs. John A.  
 Goetze, Mrs. Otto  
 Goldmark, Josephine  
 Goodhart, Howard L.  
 Goodwin, Philip L.  
 Greene, Jerome Davis  
 Hagaman, Charles A.  
 Hagaman, Emma A.  
 Halstead, Mrs. J. M.  
 Hancock, Mrs. C. E.  
 Hand, Mrs. A. N.  
 Havemeyer, Mrs. Horace  
 Hawkes, Mrs. Forbes  
 Hawley, Mrs. J. T.  
 Hazard, Mrs. F. R.  
 Hazard, Mrs. John G.  
 Hegeman, Mrs. D. V. B.  
 Hills, Mrs. John  
 Hitch, Mrs. Frederick D.  
 Hodgman, Mrs. W. H.  
 Hoffman, S. V.  
 Holding, Claude J.  
 Hooker, Mrs. Samuel C.  
 Hoopes, Maurice  
 Hull, Mrs. C. A.  
 Hussey, Gertrude  
 Huyck, Edmund N.  
 Huyck, Mrs. Edmund N.  
 Huyck, Mrs. Emily N.  
 Huyck, Francis C.  
 Jadwin, Mrs. Palmer H.  
 James, Darwin R., Jr.  
 Jenks, Mrs. R. I.

**NEW YORK**—Continued*Non-Nurse*

Jonas, Mrs. Ralph  
 Joost, Mrs. Martin  
 Keep, Mrs. C. H.  
 Kenyon, Helen  
 Kirk, Dr. W. E. J.  
 Knapp, Mrs. M. H.  
 Lapham, Mrs. John J.  
 Latimer, Julia W.  
 Lewisohn, Adolph  
 Lewisohn, Sam A.  
 Libby, Marion  
 Lloyd, Mrs. Francis G.  
 Lord, Mr. & Mrs. John B.  
 Lovejoy, Mrs. M. G.  
 Low, Mrs. Chauncey E.  
 Low, Emma C.  
 Low, Mrs. Josiah O.  
 Lowell, Sidney V.  
 Lyman, Frank  
 Lynch, J. B., Jr.  
 McAlpin, Mrs. D. H., Jr.  
 McConnell, Mrs. F. W.  
 McLean, A. Genevieve  
 Mack, Judge Julian W.  
 Mann, Marion B.  
 Mead, D. Irving  
 Mead, Frances S.  
 Mendleson, Leon  
 Merle-Smith,  
     Mr. & Mrs. Van S.  
 Mollenhauer, Mrs. J. A.  
 Morgan, John Hill  
 Morgan, Junius S.  
 Morganthau, Mrs. M., Jr.  
 Morris, Ray  
 Mount, Mrs. Charles K.  
 Munger, Henry G.  
 Munson, Mrs. W. D.  
 Nafhen, George F.  
 Neuburger, Mrs. Julia J.  
 Nichols, Mrs. W. H.  
 Obermayer, C. J.  
 Openhym, Mrs. A.  
 Paffard, Mrs. F. C.  
 Palmer, Walter L.  
 Parsons, Mrs. Edgerton  
 Parsons, Mrs. Frederic T.  
 Pennock, Meta  
 Pennoyer, Mrs. Paul G.  
 Petrasch, Carl S.  
 Pickett, Elizabeth  
 Post, James H.  
 Post, Mrs. James H.  
 Potter, Blanche  
 Powell, Mrs. Thos. Reed  
 Pratt, Mrs. C. M.  
 Pratt, George D.  
 Pratt, Mrs. John T.  
 Pratt, Mrs. Katharine S.  
 Putnam, Mrs. W. A.  
 Pyne, Mrs. Percy Rivington  
 Rathbone, Mrs. Albert  
 Read, Mrs. William A.  
 Reynolds, Mrs. J. H.  
 Riggs, George C.  
 Roberts, Josephine L.

Royer, Lucretia H.  
 Sachs, Mr. & Mrs. Samuel  
 Schiff, Mrs. Jacob H.  
 Schiff, Mortimer L.  
 Seligman, Mrs. Isaac N.  
 Seligman, Jefferson  
 Sherman, Charles Austin  
 Sherman, Richard V.  
 Sibley, Mrs. H. W.  
 Sloan, Samuel  
 Smith, B. Herbert  
 Smith, Charles Robinson  
 Smith, Julia E.  
 Squibb, Dr. Edward H.  
 Stacey, Mrs. Sidney G.  
 Stout, Dr. Arthur Purdy  
 Strasburger, Mr. & Mrs. I.  
 Strauss, Mrs. L. L.  
 Strawson, Arthur J.  
 Stutzer, Elise  
 Tatham, Mrs. Edwin  
 Taylor, Mrs. I. K.  
 Taylor, Rev. William R.  
 Terry, Mrs. John T.  
 Thacher, Mrs. T. D.  
 Thirkield, Gilbert H.  
 Thorne, S. Brinckerhoff  
 Tiebout, Mrs. Ralph H.  
 Tift, Mrs. E. V.  
 Tilden, Annette  
 Tisch, Charles  
 Vanderbilt, Mrs. Wm. K.  
 VanderVeer, Dr. Albert  
 Van Meter, Anne  
 Van Sinderen, Mrs. Adrian  
 Vanston, W. J. K.  
 Wade, Mrs. Alfred B.  
 Weeks, Mrs. Percy S.  
 Weld, Francis M.  
 Wheeler, William A.  
 White, Alexander M.  
 White, Frances E.  
 White, H. H.  
 White, Harold T.  
 White, W. A.  
 Whitney, Stanton  
 Willcox, Mrs. W. G.  
 Willette, Mrs. William  
 Williams, Blair S.  
 Williams, Dr. Linsly R.  
 Wing, Mrs. Albert J.  
 Wood, Emily S.  
 Wood, Thomas  
 Woods, Arthur  
 Wright, Dr. Wade

**NORTH CAROLINA***Nurse and Associate Nurse*

Brown, Jane M.  
 Brown, Marion M.  
 Cates, Lois  
 Crouch, Eugenia  
 Dunn, Birdie  
 Ezzell, Georgia L.  
 Farley, Marie  
 Freeman, Lucia  
 Fultz, Draper  
 Grier, Alice L.

Haasis, Mrs. Bessie A.  
 Hargrave, Elizabeth A.  
 Hargrave, Leonora  
 Hobbs, Cleone  
 Holman, Lydia  
 Imes, M. E.  
 Justice, Martha McRae  
 Lambe, Mrs. Blanche T.  
 Lilly, Carrie B.  
 McBride, Minnie  
 McGregor, Annie L.  
 McKoin, Mary Lucile  
 McLean, Jessie R.  
 MacQueen, Margaret  
 Marsteller, Mrs. Lou E. L.  
 Mason, Etta M.  
 Meyers, Katherine  
 Morris, Mary Theodora  
 Munds, Columbia  
 Newman, Martha C.  
 Newsome, Lillyou Phillips  
 \*Oliver, Harte  
 Ormond, Eleanor E.  
 Patterson, Daisy A.  
 Ross, Clara D.  
 Shelton, Mrs. Adah Jones  
 Simpson, Mary Elizabeth  
 Smith, Ethel  
 Stowe, Xanie  
 Toomer, Lois A.  
 Ward, Alice L.  
 Wenke, Clara Katherine  
 Whiteside, Lula L.

*Non-Nurse*

Delano, Lyman  
 Spratt, Mrs. R. G.  
 Tufts, Mrs. Leonard  
 Weil, Mrs. Henry

**NORTH DAKOTA***Nurse and Associate Nurse*

Carruthers, Isabelle  
 Eyolfson, Cecilia  
 Glasco, Dorethea I.  
 Gorder, Alma  
 \*Head, Kathleen  
 Hutcheson, Hazel  
 Lanxon, Amelia E.  
 Larson, Clara E.  
 Nelson, Josephine  
 Olson, Mabel O.  
 Phillips, Anna C.  
 Porter, Florence  
 Scheer, Mary  
 Scovell, Ora F.  
 Zieseniss, Wilhelmine

**OHIO***Nurse and Associate Nurse*

Abbe, Norah D.  
 Abrams, Pauline F.  
 Ackerman, Mrs. Idah  
 Alger, Esther M.  
 Allwardt, Bertha L.  
 Allyn, Mabel

## OHIO—Continued

*Nurse and Associate Nurse*

- Anderson, Emma A.  
 Anderson, Jean B.  
 Arthur, Martha Rosalie  
 Ashton, Alice Maude  
 Augsburger, Bess  
 Baker, Tessora Belle  
 Ballentine, Harriet L.  
 Bangasser, Mary E.  
 Bates, Ellen M.  
 Bauer, Agnes A.  
 Becker, Freda E.  
 Bennett, Mrs. Esther H.  
 Berriman, Anne  
 Betz, Lydia E.  
 Bifoss, Mrs. Josephine H.  
 \*Binger, Lillian J.  
 Bliss, Essie  
 Booth, Flora H.  
 Bradley, Jeanette  
 Brockett, Marian  
 Bronelle, Evelyn  
 Brown, Ethel L.  
 Brunk, Marie  
 Buchanan, Hanna  
 Buesch, Edna C.  
 Bush, S. Gertrude  
 Caenen, Anne L.  
 CaJacob, Franco  
 Campbell, Lucille  
 Campbell, Winifred C.  
 Carlson, Arlyn  
 Carlton, Anne M.  
 Carothers, Dora C.  
 Carter, Bessie A.  
 Catlin, Mary M.  
 Champlin, Edith C.  
 Christy, Jennie L.  
 Clark, Ruth  
 Clarke, Mary Elizabeth  
 Clay, Adelle L.  
 Clemmer, Bertha Elizabeth  
 Colleary, Mary Frances  
 Connelly, Betty C.  
 Conway, Winifred  
 Cook, Grace B.  
 Cook, Irene A.  
 Cook, Mrs. Nanie S.  
 Cory, Mary  
 Creech, Etta  
 Cunningham, Amy M.  
 Curtis, Mary M.  
 Daniels, Mrs. Leotha M.  
 Dann, Evangeline  
 Davey, Clara Caroline  
 Deasy, Annie C.  
 Di Donato, Caroline  
 Dingley, Marian L.  
 Donenwirth, Emma  
 \*Donovan, Irene  
 Donsing, Grace E.  
 Dooley, Elizabeth  
 Doverspike, Effie B.  
 Doyle, Anna M.  
 Duckett, Ella K.  
 Earle, Ruth  
 Evers, Helen A.  
 Ewalt, Mary A.  
 Fagen, Marguerite E.  
 Falter, Kathryn L.  
 Felkner, Helen S.  
 Fella, Mrs. Laura Sutton  
 Ferbert, Charlotte  
 Ferguson, Marion  
 Field, Leonor A.  
 Fischer, Augusta  
 Fischer, Lenore  
 Fischer, Mary  
 Fix, Eva  
 Folckemer, Elizabeth M.  
 Freeman, Iva L.  
 Frisbie, Una B.  
 Fulling, Esther L.  
 Gable, Mrs. Naomi L.  
 Gaffney, Mary G.  
 Gallagher, Helen  
 Gardiner, Caroline K.  
 Gardiner, Nina  
 Gath, Mrs. Fanny E.  
 Geer, Mrs. Clara  
 Gehrig, Mrs. Elizabeth M.  
 Geran, Mrs. George  
 \*Giery, Helen  
 Gillespie, E. Eleanor  
 Gilliland, Inez  
 Glover, Vera A.  
 Gordon, Ronna S.  
 Gray, Jean  
 Greenwald, Florence  
 Grindberg, Valdina  
 Hague, Marion Louise  
 Hane, Violet May  
 Hanson, Ethel M.  
 Happell, Marguerite  
 Harpley, Ida Mae  
 Hart, Pearl L.  
 Haviland, Alice L.  
 Hay, Ruth W.  
 Hayden, Helen Tracy  
 Heathington, Gertrude M.  
 Helterline, Mary A.  
 Henke, Mrs. John H.  
 Henry, Lauretta  
 Hill, Mary E.  
 Hinklin, Mary Catherine  
 Hinsdale, Mrs. Jessie F.  
 Hockenberry, Irene E.  
 Hoctor, Mrs. Louise LaB.  
 Holt, Elizabeth  
 Hoon, Bertha A.  
 Hope, Margaret H.  
 Hornberger, Wilda  
 Howell, Marion C.  
 Hoy, Rose Constance  
 Huber, Mary  
 Hunt, Mrs. Harriet  
 Hussey, Jessie  
 Hussey, Mildred M.  
 Hutchison, Mrs. Adah S.  
 Hutter, Laura  
 Irwin, Stella M.  
 Jarvis, Margaret  
 Jenkins, Anna L.  
 Jepson, Angela M.  
 Jones, Ethel  
 Jones, Jane E.  
 Jordan, Julia A.  
 Kanable, Lucille  
 Kauffman, E. Ilah  
 Kehoe, Margaret  
 \*Kelly, Nellie B.  
 Kemp, Mary M.  
 Kennan, Helen  
 Kidwell, Rachel L.  
 Kieger, Olga M.  
 King, Gladys B.  
 Kliment, Rose Elizabeth  
 Koropp, Mrs. Anna  
 Krause, Gertrude C.  
 Kriegenhofer, Iva M.  
 Lapeley, Mary  
 Lazar, Batislva  
 Lee, Harriet  
 Leete, Bessie R.  
 Lemmon, Ella V.  
 Lepley, Annella J.  
 Levering, Nina May  
 Lewis, Carrie E.  
 Lind, Olive B.  
 \*Lindsay, Lucille B.  
 Lippmann, Caroline F.  
 Lodwick, Clara Belle  
 Lorimer, V. Lota  
 Lupton, Mrs. Dilworth  
 McBroom, Mrs. Iva  
 McCaleb, Mrs. Zoe  
 McCarthy, Ella  
 McCracken, Sue Z.  
 McCutcheon, Katherine V.  
 McElwee, Marie  
 McGlashan, Olive R.  
 McGraw, Mary F.  
 McKenzie, Margaret  
 McKillen, Harriet V.  
 McMillan, Freida  
 McNeff, Teresa  
 McNeil, Ella E.  
 McWethy, Margaret  
 McWilliam, Annie  
 MacGeary, Maude S.  
 Malone, Eva R.  
 Mandery, Emma M.  
 March, Susan E.  
 Martiensson, Gertrude  
 Martin, Mrs. J. B.  
 Martin, Nelle  
 Massey, Anne  
 Masters, Catherine  
 Mathison, Lottie M.  
 Matthes, Lenora  
 Maurer, Theresa  
 Meyer, Ida  
 Meyer, Minna T.  
 Miesse, Orpha  
 Militz, Ella Y.  
 Miller, Helen Ione  
 Mills, Hazel J.  
 Mirossay, Irene  
 Modeland, Emma S.  
 Mohny, Christene M.  
 Moon, Anna E.  
 Moore, Helen A.  
 Moore, Laura E.

**OHIO—Continued***Nurse and Associate Nurse*

Morgan, Alvira Belle  
 Morris, Elsie J.  
 \*Morrow, Kathryn  
 Morse, F. Marie  
 \*Mrugola, Stella Dorothy  
 Munn, Anne C.  
 Neff, Kathryn  
 Neville, Leuty V.  
 Nicely, Mrs. Ellen D.  
 Nicholls, Edith S.  
 Nicol, M. Louise  
 Nischwitz, Olga F.  
 Nuesell, Gretchen  
 Omler, Ada H.  
 \*Orf, Theresa  
 Ortelle, Jeanne  
 Osterberger, Anna E.  
 Oxley, Nellie F.  
 Padden, Margaret C.  
 Paddock, Ruth F.  
 Palmer, Carrie  
 Palmer, Marjorie L.  
 Pauly, Mrs. Susan P.  
 \*Payne, Katherine E.  
 Pellman, Harriet S.  
 Peters, Martha  
 Pfaff, Emma  
 Phelps, Charlotte  
 Place, Mary Elizabeth  
 Polcar, Ruth A.  
 Pressey, Clara Amelia  
 Przyluska, Wanda  
 Ramler, Carrie  
 Ramstad, Dinah  
 Rardon, Sarah L.  
 Rath, Elizabeth Helen  
 Reeder, Mrs. Clara B.  
 Reuben, Rae  
 Rickmers, Katherine M.  
 Roberts, Emma Elizabeth  
 Robertson, Eda C.  
 Robertson, Ethel J.  
 Robinson, Ella F.  
 Robitaille, Beatrice H.  
 Rodman, Mrs. Hedwig  
 Rood, Elma  
 Rusch, Mary  
 Ryckman, Ethel C.  
 Schlobohm, Emily P.  
 \*Schmader, Helen  
 Schmees, Clara  
 Schrader, Magdalene  
 Schumm, Clara M.  
 Schweikart, Katharine M.  
 Selbert, Mrs. Norma  
 Shadel, Katherine R.  
 Shoebottom, Margaret H.  
 \*Shrimplin, Catherine E.  
 Smith, Eliza Joyce  
 Smith, Luie O.  
 Smith, Violet M.  
 Snyder, Mabel C.  
 Southard, Hazel C.  
 Sparrow, Mrs. W. M.  
 \*Spaulding, Florence E.  
 Spillman, Augusta M.

Stebbins, Abigail  
 Steele, Louise  
 Steen, Mary Neil  
 Steger, Martha F.  
 Stein, Florence  
 Stevens, Grace A.  
 Stevens, Sarah B.  
 Stevenson, Mrs. Laura M.  
 Stirling, Alice  
 Stokes, Ada S.  
 Stricker, M.  
 Stringer, Cornelia Tilton  
 Stute, Alice  
 Sutherland, Agnes I.  
 Swartz, Agnes  
 Symonds, Mabele V.  
 Tatro, Evabelle  
 Taylor, Mrs. Ralph W.  
 Taylor, Tena  
 Templeton, Cora M.  
 Tisdale, Mae  
 Tooker, Mrs. L. K.  
 Totten, Mary Elizabeth  
 Towson, Gladys  
 Trojan, Margaret  
 Tromey, S. Eleanor  
 Trusler, Roxana  
 Ursula, Sister M.  
 Van Vranken, Sarah E.  
 Vickstein, Rose M.  
 Vogelsang, Louise  
 Wagner, Hilda E.  
 Waldo, Inez B.  
 Walker, Florence E.  
 Walker, Nancy Erla  
 Walker, Ruth  
 Wallace, May  
 Walter, Lydia Grace  
 Wandschneider, Emma  
 Wanvig, Nancy  
 Ward, Bessie G.  
 Wardell, Mrs. Theodosia  
 Warner, Bertha  
 \*Warner, Hildagrace  
 Watkins, Mrs. Eleanor B.  
 \*Webb, Mrs. F. L.  
 Weems, Mrs. Mary Emma  
 Weidland, Mrs. Elvera M.  
 Weigand, Elizabeth M.  
 Weimer, Anna Maude  
 Welsh, Pearl E.  
 Westerh, Irene  
 Whittier, Alice J.  
 Wilson, Agnes  
 Wilson, Mary Blythe  
 Wittenmyer, Pearl  
 Womer, M. Edna  
 Yost, Elizabeth Jane  
 Youngreen, Mary E.  
 Zorn, Crete M.

*Non-Nurse*

Baldwin, Mrs. Arthur D.  
 Bentley, Mrs. Robert H.  
 Bingham, C. H.  
 Bingham, Charles W.  
 Blossom, Mrs. D. S.  
 Bolton, Mrs. Chester  
 Brewster, Mrs. Alfred

Brooks, Mrs. Chester K.  
 Brooks, Katharine G.  
 Brown, Mrs. Alexander C.  
 Burke, Mrs. E. S., Jr.  
 Case, Mrs. F. C.  
 Clark, Mrs. A. B.  
 Cutler, Prof. J. E.  
 Eells, Mrs. H. P.  
 Frost, Grace S.  
 Gorman, Mrs. G. Harries  
 Grandin, Mrs. G. W.  
 Hanna, Mrs. H. M., Jr.  
 Harvey, Mrs. A. F.  
 Harvey, M. C.  
 Harvey, Mrs. Perry W.  
 Hitchcock, Mrs. Frank  
 Ingalls, Mrs. A. S.  
 Ireland, R. L., Jr.  
 Jones, Mrs. J. W. L.  
 Lowman, Mrs. John H.  
 McBride, Mrs. Malcolm  
 MacLennan, Mrs. J. D.  
 Mather, Katherine  
 Mather, Mrs. Philip R.  
 Mather, Mrs. S. Livingston  
 Mather, Samuel  
 Mather, William G.  
 Mathews, Mrs. Dean C.  
 Powell, Louise M.  
 Quinby, May C.  
 Ravogli, Dr. A.  
 Raymond, Julia  
 Schoepf, Mrs. W. Kesley  
 Sharpe, Mrs. A. B.  
 Sherwin, Belle  
 Sherwin, Mrs. John  
 Shiverick, Mrs. Asa  
 Smith, Mrs. Rufus B.  
 Smith, Mrs. S. Lewis  
 Thwing, Mrs. C. F.  
 Tyler, Mrs. W. S.  
 Walbridge, Mrs. S. C.  
 Williams, Mrs. Lewis M.

**OKLAHOMA***Nurse and Associate Nurse*

Blanks, Mrs. T. O.  
 Brockman, Hilda  
 Coad, Beulah A.  
 Crowe, Clara I.  
 Cupp, Mrs. Ada E.  
 Dilworth, Lula P.  
 Dronot, Anna N.  
 Gentry, Martha Louise  
 Gilham, Mrs. Jessie D.  
 Gist, Mrs. Bertha C.  
 Guerin, Agnes Algar  
 Headley, Mildred  
 Jones, Mrs. Allie H.  
 Losseff, Mrs. Hazel H.  
 Mackay, Rosalind  
 Miser, Kittie E.  
 Mooney, Virginia  
 Oderkirk, Mrs. Charlotte B.  
 Perritt, Louise E.  
 Richardson, Bessie M.  
 Sahm, Clara  
 \*Scott, Hazel

**OKLAHOMA—Continued***Nurse and Associate Nurse*

Shields, Nora Lee  
 Skinner, Alberta  
 Smith, Effie Katherine  
 Thomas, Minnie A.  
 Todd, Luis G.  
 Ware, Leone W.  
 Wilhelmson, Laura

**OREGON***Nurse and Associate Nurse*

Adamson, Helena F.  
 Anderson, Mrs. Alfred T.  
 Beckett, Charlotte  
 Billmeyer, Mary P.  
 Blakely, Mrs. Clennora M.  
 Brooks, Josephine  
 Clarke, Edna  
 Covalt, Maude Agnes  
 Crowe, Marion G.  
 Deutsch, Gertrude E.  
 Devereaux, Margaret  
 Fricke, Lydia  
 Gallien, Jeanne  
 Fillis, Margaret  
 Hagen, Frieda H.  
 Halverson, Mildred  
 Hartley, Helen S.  
 Helegland, Lillie  
 Hemstock, Wilma L.  
 Holmes, Grace L.  
 Horn, Ella  
 Howard, Mabel  
 Johnson, Mrs. Lulu  
 Knudson, Pauline  
 King, Mrs. Villar W.  
 Leaverton, Mary E.  
 Little, Nina H.  
 Lynch, Margaret  
 McLeod, Mrs. A. M.  
 Marquardt, Alice H.  
 Oleson, Olive  
 Parker, Carolina E.  
 Paterson, Mrs. Florence  
 Pearson, Della M.  
 Phelps, Grace  
 Post, Mrs. Ellen  
 Quirk, Grace E.  
 Schreyer, Cecil L.  
 Scott, Janet A.  
 Studt, Mrs. Nava  
 Taylor, Grace L.  
 Thompson, Elnora E.  
 Twedten, Ida E.  
 Whitteker, Juliet A.  
 Wilson, Bertha G.

*Non-Nurse*

Dieck, Caroline A.  
 Dunbar, Mrs. Sadie Orr

**PALESTINE***Nurse and Associate Nurse*

Kligler, Helen

**PANAMA***Nurse and Associate Nurse*

Doerr, Elizabeth  
 Luby, Katherine F.  
 Sprouse, Frances P.

**PENNSYLVANIA***Nurse and Associate Nurse*

Anderson, Signe E.  
 Antonellie, Mrs. Jennie M.  
 Armstrong, Mrs. James L.  
 Badorf, Myra  
 Baer, Lorraine Estelle  
 Baggallay, Olive  
 Baltus, Vera M.  
 Banzhof, Magdalena  
 Barlow, Mrs. Anna R.  
 Barnes, Mrs. Demass E.  
 Baumeister, Rena L.  
 Baylor, Clara M.  
 Bearer, Edith  
 Bennett, Blanche A.  
 Benscoter, Marjorie A.  
 Berchtold, Rose M.  
 Bernheisel, Kate  
 Beyer, Bertha V.  
 Bigelow, Helen A.  
 Bisbing, Margaret  
 Blanchard, Amy M.  
 Boal, Margaret  
 Boltz, Margaret K.  
 Borda, Mrs. Maude R.  
 Borthwick, Mary Emilie  
 Boyer, Clara M.  
 Boylan, Catherine  
 Bradley, Mrs. Emma S.  
 Brady, Kate  
 Brice, Anna M.  
 Briel, M. Kate  
 Bright, Mary I.  
 Britton, Lillian E.  
 Brown, Anna M.  
 Brown, Edith L.  
 Brown, Mabel E.  
 Bryson, Mrs. Hattie M.  
 Bucks, F. Mabel C.  
 Burns, Margaret  
 Cain, Hester J.  
 Caldwell, Florence E.  
 Callender, Lephe P.  
 Cameron, Ida M.  
 Campbell, Ethel M.  
 Carlin, Justina Alice  
 Carter, Helen Cole  
 Cave, Margery  
 Chambers, Edith G.  
 Church, Mrs. Irene L.  
 Clark, Mrs. Martha S.  
 Clark, Mrs. Mary H.  
 Clay, Josephine Ashmead  
 Clayton, S. Lillian  
 Clinch, Bessie  
 Cluney, Lucia M.  
 Cochran, Helen F.  
 Cochran, M. Lucil  
 Cole, M. Rebecca  
 Confer, Sue V.

Conover, Flora M.  
 Cook, Agnes J.  
 Cowley, Elsie Bertha  
 Culbertson, Mrs. Amelia H.  
 Cunningham, Jessie W.  
 Cunningham, Willa  
 Curry, Lilah L.  
 Cutler, Lena G.  
 Davis, Bella C.  
 Decker, Marcia L.  
 \*DeLong, Elizabeth M.  
 DePuy, Mrs. Calva O.  
 Diehl, Caroline  
 Diehl, Mrs. Grace Grover  
 Dillingier, Florence A.  
 Dixon, Helen M.  
 Donimici, Marie Antoinette  
 Dooley, Mary M.  
 Doolittle, F. Isbell  
 Dorsey, Nan L.  
 Dougherty, Florence M.  
 Downing, Mrs. W. E.  
 Dumbeck, Florence M.  
 Dunkle, Miriam  
 East, Margaret L.  
 Eddy, Blanche  
 Eggert, Emilie B.  
 Eisaman, M. Mabel  
 Elder, Helen P.  
 Entriiken, Esther R.  
 Enty, Inez E.  
 Ericson, Edith  
 Ernest, Pauline  
 Erskine, Helen Mae  
 Evans, Hazel L.  
 Evans, Mary A.  
 Fahey, Sarah V.  
 Feagley, Marybelle  
 Feingold, Bertha R.  
 Ferguson, Mrs. J. Arden  
 \*Ferguson, Mrs. Sara McC.  
 Ferner, Edna J.  
 Finch, Mrs. Ida W.  
 Flaherty, Elizabeth M.  
 Fleming, Martha E.  
 Flynn, Mrs. Isabel C.  
 Focht, Elizabeth May  
 Fogg, Lucy  
 Ford, Netta  
 Fox, Rena P.  
 Frederick, Beulah E. F.  
 Frost, Harriet  
 Fulmer, Anna R.  
 Funk, Alice  
 Furman, Alice M.  
 Gable, M. Nettie  
 Gabriel, Genevive  
 Gallagher, Margaret E.  
 Gamewell, Emily K.  
 Gardner, Louise M.  
 Gault, Alma E.  
 Gault, Jennie R.  
 Gensemer, Reba L.  
 Gensemer, S. Ruth  
 Gerrity, Julia  
 Gibbs, Marion B.  
 Gibson, Kathryn Dorothy  
 Golz, Elizabeth B.



**PENNSYLVANIA—Con.**  
*Nurse and Associate Nurse*

- Goodling, Helen A.  
Grassmyer, Anna M.  
Graybill, Elda  
Green, Laura M.  
Griffin, Elizabeth C.  
Grimes, Esther  
Gring, Anna C.  
Grittinger, Emma  
Grove, Sara  
Hagerman, Edith D.  
Hain, Edna W.  
Hair, Bess  
Hall, Muriel P.  
Halliday, Ellen  
Hanna, Isa P.  
Hansgen, Rose Cecilia  
Hanson, Flora E.  
\*Hanst, Helen Elizabeth  
Harancher, Anne S.  
Harlow, Alice  
Harrington, Mrs. Ada T.  
Hartmann, Helen Louise  
Haslund, Nanna  
Hayes, Blanche E.  
Hecker, Mrs. Mildred G.  
Heidt, Cora R.  
Heinz, L. H.  
Heppenstall, Lottie E.  
Herman, Rae L.  
Hess, Carrie I. M.  
Hiester, Emma J.  
High, Elizabeth  
Hileman, Vera  
Hoenstine, Gertrude  
Hoffa, Edna Mae  
Hogan, Elizabeth Knox  
Hollobaugh, Mildred  
Hosack, Anna G.  
Houghton, Hazel B.  
Izon, Ethel  
Jacobs, Agnes E.  
Jacobsen, Marguerite K.  
Jahn, Agnes  
James, Natalie  
Johnson, Mrs. Grace S.  
Johnson, Hazle M.  
Johnson, Louise  
Johnston, Elsie C.  
Jones, Nora L.  
Jordan, Hilda Dolores  
Kaelin, Mrs. Elizabeth A.  
Kehr, Sabina  
Kelley, Mary E.  
Kelly, Eva G.  
Kemp, Mrs. N. L.  
Kerlin, Gladys  
Kiefer, Eleanor  
Kirk, Abbie Marie  
Kitner, Mary  
Klock, Maud A.  
Koch, Laura A.  
Kohl, Anna L.  
Lane, Susan K.  
Langley, Martha P.  
Lanter, Margaret  
Laurie, Annie  
Lawrance, Christian Helen  
Leafgren, R. Edith  
LeCates, Grace M.  
Lee, Carrie O.  
Lesser, Anna J.  
Lewis, Frankford  
Lewis, Ida P.  
Liddle, Kate  
Lilly, Katherine Ida  
\*Llewellyn, Mrs. C. C.  
Loftus, Nellie G.  
Love, Christina R.  
Lovold, Margarethe  
Lynch, Mrs. K. H.  
McCabe, Mary  
McCalpin, Luella  
McConnell, Maryl  
McCoy, Minerva  
McDevitt, Mrs. Maude  
McLaine, Frances G.  
McLean, Mrs. Alice H.  
MacKenzie, Ethel  
MacLaughlin, Elizabeth L.  
\*Maher, Mrs. Mary Shields  
Malone, Margaret M.  
Mann, Mrs. Clara B.  
Mann, Kathryn R.  
Martin, Margaret Weir  
Martz, Pearl M.  
Maugle, Bertha  
Mayrs, Margretta Y.  
Medhurst, Nesta C.  
Meighan, Regina M.  
Meyer, Mrs. E. A.  
Michael, Martha C.  
Middleton, Margaret H.  
Millard, Elizabeth J.  
Miller, Elizabeth E.  
Miller, Myrtle  
Miller, Mrs. P. S.  
Millette, Alpha  
Milligan, Estella  
Minter, Anne  
Minter, Ellen E.  
Mong, Cora Elizabeth  
Moore, Mary Susanna  
Moreom, Mae U.  
Moroney, Mary L.  
Morrasch, Magdalene R.  
Morse, Alice  
Morton, Laura D.  
Moss, Naomi  
Mulhern, Nora  
Mumford, Eleanor W.  
Murphy, Nell  
Murphy, W. Gertrude  
Myers, Jessie  
Neher, Mildred  
Newton, Sara Thomas  
Nielson, Mrs. Anna  
Norton, Ruth V.  
O'Connor, Catharine V.  
O'Halloran, Alice M.  
Olewine, Anna  
Ossege, Emma  
Ossege, Leona  
Owen, Mrs. Lois L.  
\*Owen, Marian A.  
Owens, Mrs. Frances C.  
\*Padgett, Dorris  
Pardee, Gladys  
Parker, Ella A.  
Patterson, Isabella A.  
Patterson, Margaret  
Pattison, Lois E.  
Paul, Margaret A.  
Pensinger, Ella Louise  
Perrine, Daisy E.  
Peter, Lillian M.  
Petty, Viola B.  
Phillips, Elma  
Phillips, Ora E.  
Price, Elsie C.  
Price, Nellie L.  
Randel, Mary  
Reddig, Mary E.  
Retzbach, Marie E.  
Richards, Celia M.  
Robelen, Caroline  
Roberts, Anna A.  
Roberts, Belodwyn  
Robertson, Katherine  
Roe, Ethel  
Roney, Dorothy M.  
Ross, Ollie M.  
Rothrock, Mrs. Anna E.  
Rowe, Alice A.  
Royer, Mrs. Franklin  
Ruggles, Esther  
Ruske, Bertha L.  
Ruttkamp, Margretta A.  
Sandich, Helen  
Scarborough, Elizabeth  
Scheideman, Emma W.  
Scheuer, Mathilda  
Schill, Edna E.  
Scholleart, Eleanor  
Schuck, Helen E.  
Schuler, Gertrude A.  
Schuler, Jessie J.  
Schwarz, Helen F.  
Scollard, Orpha  
Scott, Letitia Butler  
Selah, Mrs. Sarah Eleanor  
Shaffer, Mrs. Margaret W.  
Shaw, Geraldine  
Shaw, Letha G.  
Shaw, Ruth  
Shellenberger, Lucy  
Simonton, Eva  
Smith, Anna M.  
Smith, Reba Estelle  
Snyder, Minnie M.  
Snyder, Myrtle M.  
Spear, Bertha  
Stanley, Anna L.  
Steiger, Mrs. Dorothy  
Stenger, Katherine  
Stevens, Elizabeth  
Stevens, Helen  
Stevenson, Bertha O.  
Stewart, Alice  
Stewart, Mrs. Maude  
Stouffer, Cora E.  
Stout, Abigail M.  
Sturdevant, Mrs. Lena T.

**PENNSYLVANIA—Con.***Nurse and Associate Nurse*

Suter, Mrs. Naomi H.  
 Tapper, Elizabeth C.  
 Tattershall, Bessie W.  
 Taylor, Agnes  
 Thomson, Caroline E.  
 Tiers, Elizabeth  
 Tinner, Mary E.  
 Treuter, Mildred Spoons  
 Tritschler, L. J.  
 Tucker, Katharine  
 Turner, Jane C.  
 Van Boskirk, Mary E.  
 Virtue, Anna L.  
 Voris, Mary E.  
 Wakefield, Anna Florma  
 Walburn, Bessie E.  
 Wallace, Anne C.  
 Walls, Alta C.  
 Walsh, Mary B.  
 Wardin, E. Pearl  
 Warner, Dora E.  
 Washington, Jeannette  
 Weder, Julia  
 Weinhold, Elizabeth  
 Welsh, Mrs. Harriet K.  
 Wentzel, Leslie  
 Whipple, Lucina A.  
 Whipps, Mrs. Inez D.  
 Whitman, Agatha A.  
 Whiton, Lydia A.  
 Whitten, Elizabeth  
 Whyte, Charlotte W.  
 Wiant, Anna C.  
 Wightman, Rosalind  
 Wildman, Esther L.  
 Willets, Mrs. Mary K.  
 Williamson, Bessie K.  
 Wilson, Isabella S.  
 Wilson, Thalia C.  
 Wilson, Viola L.  
 Wisor, Mrs. Minerva C.  
 Woodward, Alice W.  
 Wright, Mrs. Thomas  
 Yerger, Mrs. Elizabeth  
 Young, Mrs. Orpha Z.

*Non-Nurse*

Affelder, Louis J.  
 Allen, Frederic W.  
 Alter, Mrs. George  
 Bachman, Mrs. F. H.  
 Boies, Mrs. E. D.  
 Brown, James Crosby  
 Cameron, Mary  
 Chalfont, Eleanor Mc.  
 Chalfont, I. C.  
 Coles, Mary Roberts  
 Cooke, Mrs. George J.  
 Curry, Albert  
 Curry, Mrs. Grant  
 Dolan, Mrs. Thomas J.  
 Donaldson, H. S.  
 Earle, Doris  
 Febiger, Mary S.  
 Frew, Mrs. William  
 Furbush, Mrs. C. Lincoln

Furness, Mrs. H. H.  
 Gillespie, Mabel L.  
 Hamill, Dr. Samuel McC.  
 Hatfield, Dr. Charles J.  
 Hickok, Mrs. Avis Cochran  
 Hoffer, Mrs. Allen  
 Huber, Anna M. L.  
 Irish, Charlotte D.  
 Jackson, Mary L.  
 Jamison, Martha A.  
 Kelly, Mrs. S. R.  
 Ludwig, Fred  
 Lloyd, Mrs. Stacy B.  
 Metcalf, Mrs. George R.  
 Rauh, Mrs. Enoch  
 Schiller, Mrs. Wm. B.  
 Shalldcross, Mrs. Thos., Jr.  
 Strong, Bertha F.  
 Warden, Mrs. Clarence A.  
 Wertheimer, Ella

**PHILIPPINE ISLANDS***Nurse and Associate Nurse*

Foronda, Senada  
 Manongdo, Genera S.  
 Nicolet, Rose E.  
 Salamanca, Socorro

**POLAND***Nurse and Associate Nurse*

Skorupa, Emily

**PORTO RICO***Nurse and Associate Nurse*

Pope, Elnora  
 Rees, Ruth

**RHODE ISLAND***Nurse and Associate Nurse*

Adams, Cora M.  
 \*Allen, Harriet  
 Archibald, Helen Louise  
 Babbitt, Mrs. Signe A.  
 Basso, Rose V.  
 Batchelder, Mrs. Walter J.  
 Beauford, Rose  
 Bertrand, Marie M.  
 Black, Agnes T.  
 Boyce, Caroline H.  
 Boyle, Katherine F.  
 Bray, Gertrude A.  
 Broadfoot, Mrs. William  
 Burdick, Flora F.  
 Carberry, Margaret A.  
 Carlsen, Marjorie  
 Carroll, Sara A.  
 Castle, Mrs. Anna Van W.  
 Cochrane, Harriet M.  
 Connolly, Leona  
 Crocker, Margaret L.  
 Crowe, L. Margaret  
 Dillon, Nellie R.  
 Dolan, Marguerite A.  
 Durfee, Doris A.

Eales, Muriel  
 Earley, Annie M.  
 Eisman, Mrs. Mary  
 Falvey, Helen  
 Fitzpatrick, Winifred L.  
 Fleming, Elizabeth F.  
 Fraser, Christine  
 Fullerton, Grace  
 Gannon, Mrs. Laura A.  
 Gardner, Mary S.  
 Giles, Beatrice I.  
 \*Gorman, Helen M.  
 Gould, Alice M.  
 Graham, Ruth  
 Griewisch, Edna M.  
 Hastings, Lillian M.  
 Higgins, Honoria  
 Jacobson, E. M.  
 Kavanagh, Helen E.  
 Keller, Mrs. Helen M.  
 \*Kingerly, Jessie Mary  
 Kosischke, Wilhelmina  
 Laborde, Helen M. D.  
 Levin, Annetta  
 \*Little, Florence  
 McCarthy, Mary I.  
 McGibbon, Anna K.  
 MacLeod, Jessie E.  
 Oliver, Mrs. Christy Ross  
 Olsson, Ellen  
 O'Rourke, Alice  
 Pemberton, Ethel  
 Phelan, Mary A.  
 Pierce, Dorothy  
 Prucker, Annie M.  
 Raisch, Viola Louise  
 Richardson, Mary M.  
 \*Shea, Frances L.  
 Sherman, Elizabeth F.  
 Stafford, Ada H.  
 Stuart, Margaret U.  
 Taber, Harriet A.  
 Thurston, Clara May  
 Tomlinson, Eugenie A.  
 Walker, Blanche Matteson  
 Walsh, Cecilia E.  
 Wyatt, Katharine I.

*Non-Nurse*

Aldrich, Mrs. C. G.  
 Bacon, Mrs. N. T.  
 Bradley, Mrs. Charles  
 Brigham, Mrs. William  
 Brown, Mrs. John N.  
 Chafee, Mrs. Z.  
 Clarke, Mrs. Prescott O.  
 Cottrell, Mrs. C. Bryon  
 Cross, Mrs. H. P.  
 DeWolf, Mrs. Halsey  
 Diman, Emily  
 Dwight, Margaretha L.  
 Gammell, Mrs. Robert Ives  
 Gammell, William  
 Green, Eleanor B.  
 Green, Theo. Francis  
 Guerin, Mrs. F. J.  
 Guerin, Mrs. Theophile  
 Hackney, Dorothy

**RHODE ISLAND—Con.***Non-Nurse*

Ham, Annette M.  
 Hazard, Caroline  
 Hazard, Mrs. R. G.  
 Levy, Mrs. Austin  
 Thornley, Albert J.  
 Levy, Austin T.  
 Ostby, Erling C.  
 Paddock, Emily  
 Pond, Nancy M.  
 Powel, Mrs. T. I. Hare  
 Ragee, Alice A.  
 Sharpe, Ellen D.  
 Shepard, John, Jr.  
 Smith, Hope  
 Smith, Mrs. Scott A.  
 Stockwell, Edward A.  
 Stone, Dr. Ellen A.  
 Storer, A. C.  
 Taft, Royal C.  
 Taft, Mrs. Royal C.  
 Taylor, Mrs. William H.  
 Vernon, Mrs. A. V.  
 Webster, Mrs. Hamilton F.

**RUSSIA***Nurse and Associate Nurse*

\*Haines, Anna J.

**SIAM***Nurse and Associate Nurse*  
 Piroshaw, Wan**SOUTH CAROLINA***Nurse and Associate Nurse*

Anderson, Edna  
 Blackburn, Laura  
 Bushwell, Florence E.  
 Clements, Carrol J.  
 Cunningham, Nellie C.  
 Dalton, Bess E.  
 \*Finney, Alice C.  
 Flynn, Martha E.  
 Foreman, Mildred  
 Fraser, Jane H.  
 Fulmer, Mrs. Annie B.  
 Graham, Ada Taylor  
 Grant, Margaret I.  
 Hard, Elizabeth W.  
 Hays, Jeannette M.  
 Herbert, S. Rose  
 Keener, Mary E.  
 Latham, Mrs. A. M.  
 Lightsey, Theresa  
 Malone, Katherine  
 Nelson, Ellie C.  
 Passmore, Emily  
 Patterson, May  
 Payne, Mrs. Elizabeth L.  
 Perkins, Gertrude C.  
 Preach, Mrs. Lois  
 Rennie, Georgiana  
 Seabrook, Katherine S.  
 Stanford, Margaret I.  
 Stevenson, Margaret H.

Traynham, Conya  
 Turner, Nellie W.  
 Woodson, Elizabeth A.

**SOUTH DAKOTA***Nurse and Associate Nurse*

Brown, Myrtice Soule  
 Carr, Audie M.  
 Cashman, Mrs. Fred K.  
 Draxton, Mabel E.  
 Hoover, Mrs. Margaret J.  
 Kinney, A. Louise  
 Lee, Mrs. Florence  
 Nachtigall, Mrs. I. J.  
 Neff, Minnie E.  
 Olson, Bothilda  
 Olson, Edith Loretta  
 Rice, Mrs. Clara Ludtke  
 \*Rocque, L. F.  
 Rowley, Lelia  
 Schaub, Rose Regina  
 Stickney, Luella Mae  
 Ward, Margaret H.  
 Wiard, Lorena  
 Wilkin, Merlin  
 Zimpfer, Lillian

**SWEDEN***Nurse and Associate Nurse*

Lundwall, Anette L.

**SWITZERLAND***Nurse and Associate Nurse*

Benteli, Mrs. Anna E.  
 Deuchler, Elizabeth

**TENNESSEE***Nurse and Associate Nurse*

Adams, Bessie Beatrice  
 Albudy, Leola V.  
 \*Allen, Mrs. Iva P.  
 Anderson, Mrs. W. S.  
 Baumgardner, E. G.  
 Bedford, Mary  
 Bishop, Mrs. A. L.  
 Blair, Mrs. Geo. A.  
 Bolton, Mrs. S. I.  
 Bond, Mrs. Edna M.  
 Borah, Grace Frances  
 Bounds, Mrs. Martha C.  
 Boylston, Mrs. Della K.  
 Bradley, Miranda  
 Brasher, Mrs. G. W.  
 \*Britton, Tommie  
 Broadwell, Mary D.  
 Calderwood, Clara G.  
 Chase, Evelyn G.  
 Collins, Pearle  
 Compton, Mrs. Zana T.  
 Cox, Mrs. Amelia Young  
 Cribb, Carrye K.  
 \*Davidson, Mrs. Cornelia  
 Ferguson, Maud  
 Fowler, Blanche Ross  
 Garrison, Elizabeth

Gibbes, Virginia M.  
 Gilmore, Mrs. Theo. S.  
 Goeke, Margaret  
 Goff, Hazel Lee  
 Greenwell, Bertha C.  
 Gresham, Mrs. C. R.  
 Hagar, Frances F.  
 Henderson, Ida  
 Hickey, Josephine  
 Higinbotham, Phyllis  
 Hodge, Maude  
 Hope, Marion E.  
 \*Houston, Mrs. Ruth P.  
 \*Hunn, Corinne Buford  
 Jefcoat, M. E.  
 \*Kennedy, Flora A.  
 Kersh, Jessie May  
 King, Mrs. Alice Sterk  
 Lamb, Mrs. Julia W.  
 Lowe, Irene R.  
 McClain, Maud  
 McKinney, Eunice  
 McMahan, Anne E.  
 Moll, Mrs. Kathleen G.  
 Moore, Velma E.  
 Morgan, Mrs. Lela  
 Motley, Ruth  
 Murry, Hortense  
 Nichols, Gertrude M.  
 Nisbet, Malvina G.  
 Ott, Cecile A.  
 Ott, Ollie L.  
 Pearce, Donna M.  
 Peebles, Mrs. Mildred S.  
 Peterson, Marie  
 Peterson, Sena C.  
 Peterson, Mrs. W. H.  
 \*Pope, Etta M.  
 Redfern, Emma S.  
 Roberts, Abbie  
 Rogers, Fanny D.  
 Rogers, Mrs. Willybell G.  
 \*Roys, Mrs. Pat.  
 Russ, Elsie  
 Rutledge, Mary  
 Sanborn, Essie M.  
 Satterfield, Lucile  
 \*Shoemaker, Hattie  
 Sims, Bess  
 Spence, Maude  
 Sproull, Mary M.  
 Todd, Mrs. J. Francis  
 Uffelman, Mrs. Thomas  
 Van Vort, Rose Z.  
 Walker, Emma D.  
 Walton, Alice D.  
 Walton, Fanny O.  
 Warner, Mrs. Lena A.  
 Wheeler, Lillian

*Non-Nurse*

Snowden, Mrs. R. B.

**TEXAS***Nurse and Associate Nurse*

Ablard, Mrs. Henrietta  
 Atkinson, Caroline D.

**TEXAS—Continued***Nurse and Associate Nurse*

Austin, Zoe  
 Bailey, Olive  
 Barth, Emma  
 Birkmeyer, Mrs. Milton  
 Blackiston, Mrs. Willie A.  
 Browne, Marie C.  
 Burech, Olga  
 \*Campbell, Jean M.  
 Carter, Stella  
 Clement, Edith Claire  
 Coxwell, Della  
 Cunningham, Marguerite  
 Curtis, Elizabeth  
 Dietrich, A. Louise  
 Delisle, Mrs. Minnie S. D.  
 Duffy, L. Jane  
 Duffy, Ruth  
 Easton, Mrs. Josephine C.  
 Engblad, Mrs. Grace  
 Erskine, Margaret  
 Fair, Mrs. May  
 Farquhar, Mrs. Frieda K.  
 Frenzel, Irma Dixon  
 Fritsch, Sabina M.  
 Fulcro, Pearl  
 Funderburgh, Mrs. M. H.  
 Gabriel, Annie  
 Gill, Mrs. Florence M.  
 Gilmore, Mrs. Mamie T.  
 Hague, Adelaide  
 Haig, Rena  
 Hamner, Edna L.  
 Houston, Laura  
 Huffaker, Mrs. Lois Grier  
 Huston, Margaret  
 Jackson, Mrs. Mattie C.  
 Jones, Alta Delaney  
 Jones, Ella M.  
 Jones, Mrs. Josephine W.  
 Kell, Mary C.  
 Kellams, Martha  
 Kelley, Beulah  
 Knight, Mrs. L. C.  
 Kohlsaat, Mrs. Kate  
 Lambertson, Ruth  
 Leach, Stella  
 Lowe, Amy Frances  
 McCombs, Bessie  
 McDonnald, Arline M.  
 McGehee, Sue  
 McMaster, Grace  
 Madden, Lola  
 Madland, Martha Sandlin  
 Manger, Dollie  
 \*Mart, Marguerite  
 Massey, Vira  
 Morgan, Elizabeth  
 Morse, Mrs. Mae  
 Newbill, Josephine  
 Orr, Marie H.  
 Pate, Mrs. Pearl  
 \*Peace, Mary E.  
 Place, Mrs. W. H.  
 Powell, Mrs. Zula L.  
 Prather, E. O.  
 Qualtrough, Mrs. Rose E.

Quillian, Harriet  
 Renfro, Mabel  
 Scott, Mrs. Noel B.  
 Smith, Mary K.  
 Smith, May F.  
 Snow, Mrs. J. G.  
 Snow, Mrs. J. Y.  
 Stapp, Mrs. Lotta H.  
 Stoll, Augustine B.  
 Stoltz, Effie E.  
 Stoltzfus, Nelle  
 Strack, Emma  
 Wheeler, Mabel  
 Whiteside, Louise  
 Wilkinson, Mabel  
 Willig, Louise

*Non-Nurse*

Flickwir, Mrs. Nettie F.

**TURKEY***Nurse and Associate Nurse*

McKay, Janet  
 Nelson, Mary K.

**UTAH***Nurse and Associate Nurse*

Callahan, Mrs. Jane M.  
 Conover, Mrs. Ella H.  
 Duncombe, Clarice S.  
 Hammond, Jessie C.  
 Hudson, Mrs. W. S.  
 Johnsen, Ruth N.  
 Johnson, Maria  
 Kunz, Charlotte J.  
 Maiben, Dora  
 Neilson, Mrs. Henrietta E.  
 Nunnelle, Mamie  
 Read, Evalina Dawley  
 \*Thurman, Sadie M.  
 Welch, Mrs. J. W.

**VERMONT***Nurse and Associate Nurse*

Baker, Mary Alberta  
 Blakely, Mrs. K. S.  
 Calef, Emily G.  
 Cazneau, Mrs. Josephine M.  
 Clark, Dora M.  
 Cooke, Cora L.  
 Douglass, Hattie  
 Giddings, Daisy M.  
 Howe, Elizabeth  
 Jones, Nellie M.  
 Lawler, Rose A.  
 Morrill, Gertrude A.  
 Perkins, Emilie M.  
 Simeneau, Marie M.  
 Young, Lillie

*Non-Nurse*

Cabot, Mary R.

**VIRGIN ISLANDS***Nurse and Associate Nurse*

Gillette, Lucy W.  
 Williamson, Mildred

**VIRGINIA***Nurse and Associate Nurse*

Ambler, Theresa G.  
 Anderson, Rose V.  
 Anderson, Tanner  
 Ashmead, Pauline  
 Banning, Clarise R.  
 Baylor, Martha V.  
 Becker, Mrs. Mabel E. B.  
 Bennett, Mrs. Emily W.  
 Black, Florence  
 Black, Laura E.  
 Bristow, Bertha M.  
 Brown, Jewell R.  
 Brunson, Carolyn May  
 Carico, Lessie Lee  
 Collins, Mrs. Mary S.  
 Cowling, Sarah Ford  
 Cox, Nannie A.  
 Craft, Elizabeth  
 Croxton, Mrs. Fereba B.  
 Dailey, Elizabeth R.  
 \*Darling, Frances H.  
 Dillo, Stella M.  
 Dugger, Alice B.  
 Elliott, Emily Isabel  
 Epps, Sara R.  
 Gully, Anne  
 Graham, Margaret  
 Hamilton, Jennie L.  
 Hamner, Nora Spencer  
 Hanger, Mrs. Leah DeL.  
 Harouff, Carrie  
 Heier, Julia B.  
 Hill, Evelyn D.  
 Hooper, Margaret Merle  
 Jones, Madge M.  
 Lee, Mrs. Rachel T.  
 Lowry, Hattie G.  
 McCluer, Sally E.  
 McFadden, Mary  
 McGavock, Byrd P.  
 Mayo, Rachel A.  
 Meyer, Augusta  
 Michael, Martha B.  
 Minor, Nannie J.  
 Morton, Ruth  
 Otey, Will B.  
 Pape, Mrs. Nina N.  
 Partrick, Mary L.  
 Phillips, Mrs. Ruth H.  
 Pugh, Iva  
 Randolph, Agnes  
 Reamy, Helen  
 Rice, Mamie E.  
 Riddick, Hazel  
 Robinson, Bettie McD.  
 Rudasill, Mrs. Minnie A.  
 Russell, Elizabeth M.  
 Ryland, Mary V.  
 Schneider, Mrs. Edward  
 Sherrill, Mrs. Herbert R.

**VIRGINIA**—Continued*Nurse and Associate Nurse*

Shotts, Sarah E.  
 Staton, Mrs. Christine  
 Stewart, Laura L.  
 Stewart, Lena S.  
 Tillett, Zora  
 Towler, Hassie A.  
 Turner, Rose  
 Vance, Mrs. Nancy  
 Venable, Ruby L.  
 Wachsmuth, Mabel D.  
 Walker, Anna Elizabeth  
 Walker, Mrs. Elsie Parker  
 Walton, Frances E.  
 Webb, Blanche F.  
 Whipple, Florence V.  
 Whitten, Ella T.  
 Wilkins, Helen V.  
 Wilson, Georgie E.  
 Woods, Juanita G.  
 Wyche, Mary L.  
 Young, Lula E.

**WASHINGTON***Nurse and Associate Nurse*

Adams, Henrietta M.  
 Alder, Martha  
 Burns, Johanna S.  
 Carlson, Anna E.  
 Cassidy, Margaret Mary  
 Castlio, Margaret  
 Charlton, Pearl  
 Cunningham, Mrs. Estelle  
 Dahlman, Mrs. Jane  
 Duncan, Annie S.  
 Ekholm, Evelyn G.  
 Elliott, Mary E.  
 Erickson, Ella S.  
 Fergus, Gertrude  
 Finney, Mrs. Mary B.  
 Gillespie, Cora E.  
 Gosney, Caroline  
 Greene, Letitia A.  
 Hall, Evelyn H.  
 Hanson, Mrs. Ole C.  
 Harcus, Frances L.  
 Hensel, Mrs. Cath. McA.  
 Houde, Alma  
 Jackson, Eva R.  
 Jones, Lenore  
 Joyce, Ellen  
 Kapp, Weenie  
 Kapphahan, Dorothea  
 Kilbride, Rose A.  
 King, Mrs. Mary C.  
 Knott, Anne Caroline  
 Kratsch, Ida Rose  
 Lambert, Emma  
 McBride, Mary  
 McDrake, Mrs. Jean  
 McMonagle, Grace E.  
 Macomber, Mrs. Mabel  
 Major, Marjorie B.  
 Marshall, Lena C.  
 Maukestad, Carrie E.  
 Mead, May

Neal, Lucie E.  
 Nielson, Anna A.  
 Parson, Maud  
 Paterson, Minnie F.  
 Powell, Annie T.  
 Quackenbush, Mary E.  
 Ragland, Glory H.  
 Roberts, Mary C.  
 Robinson, Mrs. Edna L.  
 Robinson, W. A.  
 Robson, Mrs. Edith M. K.  
 Rotwell, Martha D.  
 Schwarz, Bertha D.  
 Shea, Mary K.  
 Skinner, Marion  
 Slade, Irene  
 Soule, Mrs. Elizabeth S.  
 Struthers, Florence Bell  
 Taylor, Rose W.  
 Tvedt, Hannah  
 Vanwinke, Helena  
 Wieber, Monica M.  
 Winchell, Elizabeth  
 Withers, Lucile A.  
 Wold, Mary L.  
 Zorn, Louise

*Non-Nurse*

Cowardin, Mrs. C. O'B.

**WEST VIRGINIA***Nurse and Associate Nurse*

Arundale, Elizabeth  
 Barry, Harriet R.  
 Bassett, Mrs. Alice T.  
 Binsley, Ella  
 Bond, Helen E.  
 Cauthorne, Mrs. M. K. J.  
 Cheesman, Maude A.  
 Clancy, Marguerite  
 Cook, Mrs. Susan  
 Dailey, Mrs. Nancy Pugh  
 Dillon, Mrs. Jean T.  
 Dodson, Mrs. Esther  
 Duff, Alice I.  
 Durham, M. Ava  
 Eck, Alice A.  
 Faville, Katherine  
 Fowler, Dorothy Lawson  
 Freiman, Giulia  
 Grace, Mary  
 Hardsaw, Edna M.  
 Harley, Mrs. Mabel C.  
 Hartzler, Christine M.  
 Hauck, Florence S.  
 Hazel, Mrs. Lamar  
 Heintzelman, Ruth A.  
 Hieber, Beulah  
 Howell, Helen M.  
 Kochert, W. Louise  
 Lindsey, Ella B.  
 McAllister, Elizabeth L.  
 MacIntosh, Lulu M.  
 Maloney, May M.  
 Mellichampe, Julia  
 Melton, Thelma Marie  
 Moran, Florence  
 Muir, Mary Y.

Mills, Myrtle  
 Mosby, Mrs. Jeanette L.  
 Munson, Eunice T.  
 Murray, Sara M.  
 Nash, Nellie  
 Patterson, Katharine  
 Peck, Nettie E.  
 Rader, Virgy F.  
 Rieche, Jacobina  
 Ross, Luella L.  
 Sample, Clara Alice  
 Skidmore, Mary  
 Summers, Mrs. Virginia L.  
 Sutherland, Minnie G.  
 Tappan, Stella  
 Trent, Mrs. C. W.  
 Warwick, Margaret F.  
 Wills, Kate Louise

*Non-Nurse*

Curtin, Mrs. H. B.

**WISCONSIN***Nurse and Associate Nurse*

Ahlstrom, Alma J.  
 Amundson, Nettie  
 Amus, Mrs. Ruby  
 Banker, Mildred R.  
 Barrer, Mrs. Wilhelmina  
 Barton, Mrs. Hazel R.  
 Bayliss, M. Esther  
 Becht, Bertha H.  
 Beinkofner, Bernetta  
 Bell, Jemima  
 Bellows, Olive  
 Berg, Thea  
 Bernarda, Sister M.  
 Bill, Agnes E.  
 Boyes, Mary I.  
 Brockel, Estelle Ann  
 Brown, Nina  
 Buck, Norma Louise  
 Busse, Bessie H.  
 Chase, Laura M.  
 Coe, Ruth  
 Cumming, Mary E.  
 Dietrichson, Levina S.  
 Dimberg, Lydia M.  
 Draheim, Elda A.  
 Dudley, Pearl  
 Dudley, Mrs. Sigrid O.  
 Dunwiddie, Mary  
 Easterly, Ruth  
 Eldredge, Adda  
 Eppley, Carrie E.  
 Evans, Cecilia A.  
 Fenton, Helen B.  
 Fletcher, Mrs. Barbara M.  
 Florina, Sister M.  
 Ford, Mary  
 Fox, Ann B.  
 Fuller, Stella  
 Gamble, E. Laverne  
 Garside, Catherine F.  
 Garvey, Ada T.  
 Giesing, Cecilia M.  
 Gorman, Mary C.  
 Gross, Nina A.



**WISCONSIN**—Continued  
*Nurse and Associate Nurse*

\*Guinan, Mary B.  
 Gunther, Marie  
 Hansen, Eva M.  
 Hawley, Mrs. Anne  
 Heine, Johanna E.  
 Hickox, Verda F.  
 Hill, Berdina R.  
 Hillyer, Grace  
 Hoesly, Florence  
 Hoover, Hattie Ginnown  
 Jahimiak, Rose T.  
 Johnson, Alma Ellis  
 Kahl, Frances Ruth  
 Kelly, Mrs. Ray  
 \*Kessler, J. Martha  
 Kielpinski, Marie  
 Klein, Marie  
 Knutson, Pauline  
 Kowalke, Erna  
 Kowalke, Martha  
 Lassleben, Walburga K.  
 Leenhouts, Elizabeth  
 LeFebore, Lillian  
 Lewis, Clara G.  
 Long, Emma  
 Luck, Mrs. Andrew C.  
 \*Ludtke, Myrtle  
 McCarthy, Anna Helena  
 McGivern, Florence  
 MacDonald, Jessie E. S.  
 Mason, Edna Louise  
 Matts, Minnie Mae  
 Mead, Mary S.

Morgan, Mrs. Mary P.  
 Mullaney, Josephine  
 Murphy, Mrs. Jane M.  
 Natwick, Amanda T.  
 Nichols, Mrs. W. T.  
 Normann, Susan W.  
 Noth, Margaret C.  
 Orbison, Mary Cook  
 Paulsen, Agnes  
 Paulson, Rebecca  
 Paulus, Sophia B.  
 Pemberton, Christine  
 Pfeil, Ruth F.  
 Pierce, Mrs. Clara A. S.  
 Pope, Mabel G.  
 Quammen, Sena M.  
 Puls, Marie Ursula  
 Raether, Ellen Lola  
 Reckner, Bertha  
 Regan, Mary Eleanor  
 Reid, Agnes W.  
 Roberts, Mrs. R. S.  
 Rue, Clara Blanche  
 Rue, Mabel J.  
 Ruediger, Florence A.  
 Saxton, Mary D.  
 Scheffer, Marie C.  
 Schlattman, Carolyn  
 Schmidt, Lena K.  
 Seeger, Gertrude  
 Shaddall, Norma  
 Sievert, Margaret  
 Simonis, Anna M.  
 Smart, Martha  
 Smith, Dorothy E.

Smith, Molly Bawn  
 Snell, Agnes  
 Stenholm, Alice E.  
 Stewart, Ellen  
 Stifter, Eva M.  
 Stimson, Helen V.  
 TeLinde, Ruth  
 Thompson, Anna M.  
 Thorstad, Jane E.  
 Town, Ethelyn  
 Van Kooy, Nelly  
 Vogel, Grace B.  
 Warner, Helen Ruth  
 Weiler, Clara  
 White, Regina  
 Wilke, M.  
 Witte, Alma  
 Wood, Mrs. T. M.

*Non-Nurse*

Pabst, Mrs. Frederick  
 Sawyer, Edgar P.  
 Tweedy, Mariette  
 Uihlein, Paula

**WYOMING***Nurse and Associate Nurse*

Buford, Louise  
 Cogan, Agnes A.  
 \*Craven, Mrs. Elizabeth L.  
 Gilson, Mildred  
 Glasgow, Mrs. Mabel F.  
 Lincoln, Selma E.  
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